

**OCEANIC SALINITIES
OFF THE SOUTH ATLANTIC COAST OF
THE UNITED STATES
Theodore N. Gill CRUISES 1-9, 1953-54**



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**UNITED STATES DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE**

United States Department of the Interior, Stewart L. Udall, Secretary
Fish and Wildlife Service, Clarence F. Pautzke, Commissioner
Bureau of Commercial Fisheries, Donald L. McKernan, Director

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By

William W. Anderson, Joseph E. Moore,
and Herbert R. Gordy



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ABSTRACT

Salinity data secured on nine cruises of the M/V *Theodore N. Gill* off the south Atlantic coast of the United States are further processed and organized in a much more usable and readily available form. Surface water salinities are presented graphically by season.

INTRODUCTION

A general survey of those waters adjacent to our coast in the region from Cape Hatteras on the north to the Florida Straits on the south was begun in 1953 by the U.S. Fish and Wildlife Service in cooperation with two other Federal agencies and two State agencies. Nine cruises over a basic station plan (fig. 1) were completed with the vessel *Theodore N. Gill* from February 1953 to December 1954.

All of the basic physical oceanographic, biological, and chemical data, together with procedures and methods, have been published by individual cruise; (Anderson, Gehringer, and Cohen, 1956a and 1956b; and Anderson and Gehringer, 1957a, 1957b, 1958a, 1958b, 1959a, 1959b, and 1960). Bottom sediments were reported by Moore and Gorsline, 1960.

This is the second in a series of reports presenting a further processing

of the physical oceanographic and chemical data preparatory to a summarization of conditions along the south Atlantic coast of the United States, as revealed by the nine *Gill* cruises (the first report, Anderson, Moore, and Gordy, 1961, covered water temperatures). The data will also be organized in a much more usable and readily available form for fishery biologists in their studies of the fishes, shrimps, and other organisms of the region.

PROCEDURES

Sections

There are 16 sections as established from the pattern of east-west lines of stations (fig. 1). These are named and composed of stations as established in the individual cruise reports and shown in tables 2 to 14.

Areas

The region was divided into three areas--southern, central, and northern. Each area was split into three sub-areas: inner shelf--which extended

Note.--William W. Anderson, *Fishery Research Biologist*, Joseph E. Moore, *Analytical Chemist*, and Herbert R. Gordy, *Physical Science Technician*.

generally from the beaches seaward to about 15 fathoms; outer shelf--from about 15 fathoms seaward to about 100 fathoms; and offshore--mostly in the Gulf Stream. This is illustrated in figure 2, together with the stations comprising each sub-area.

Data from the special stations and standard station are excluded from this division and are presented separately.

Seasons

Four general seasons are applied--winter (cruise nos. 1 and 5), spring (cruise nos. 2 and 6), summer (cruise nos. 3, 7, and 8), and fall (cruise nos. 4 and 9). Winter cruises were made from January to mid-March, spring cruises during April and May, summer cruises from mid-June to September, and fall cruises from October to mid-December.

General

Salinity data used in compilation of the various tables were the interpolated and calculated data from the nine *Gill* cruise reports.

Basic salinities are given to the hundredth of a part per thousand, and averages to the nearest tenth of a part per thousand.

No data below 1,000 meters standard depth are included--such were available on only a few stations.

Profiles of the sections, by cruise, were published in the individual cruise reports.

Average surface water salinities for the four seasons, and for areas near the special stations and standard station, are shown in figures 3 to 6.

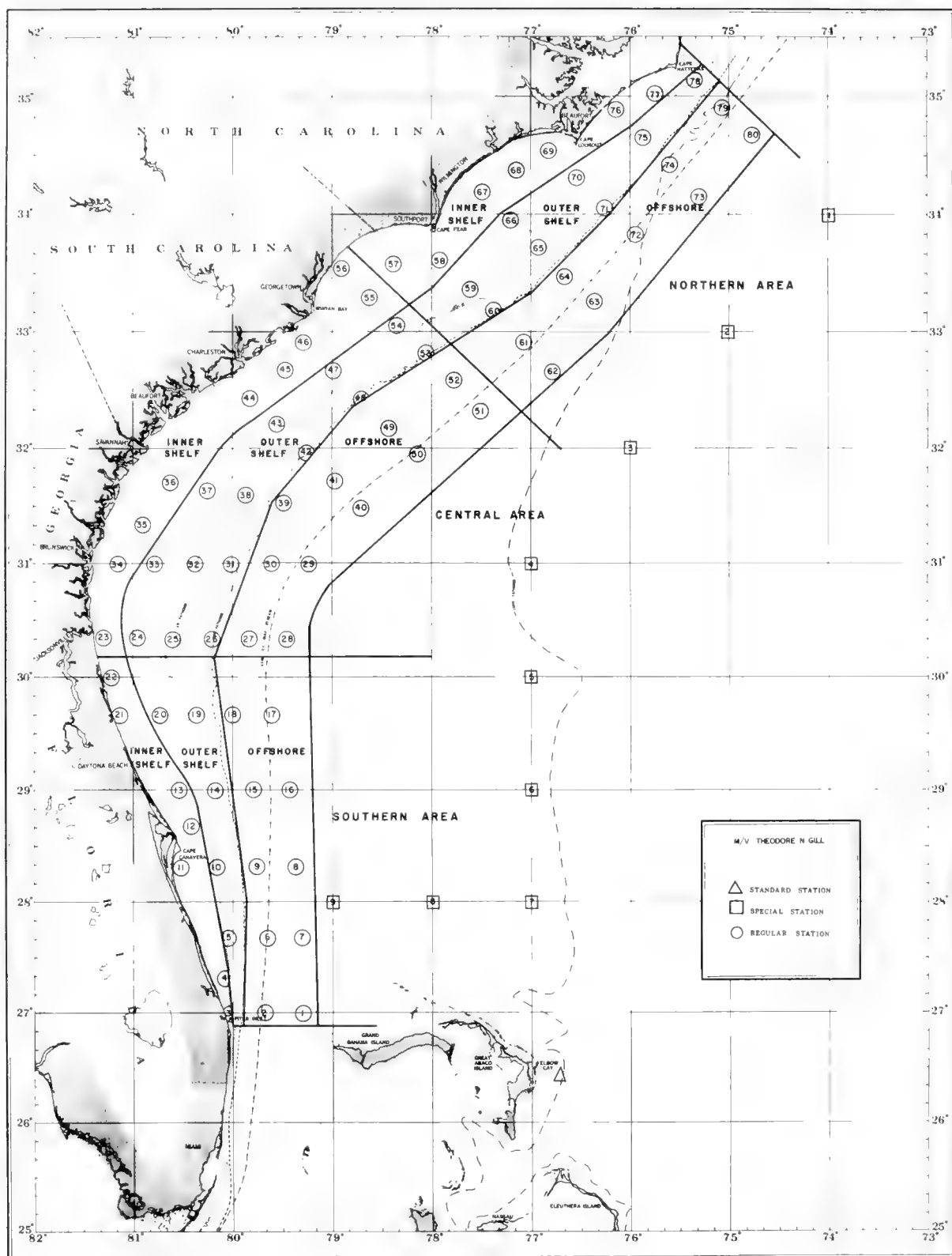


Figure 2.--Areas, sub-areas, and stations comprising sub-areas.

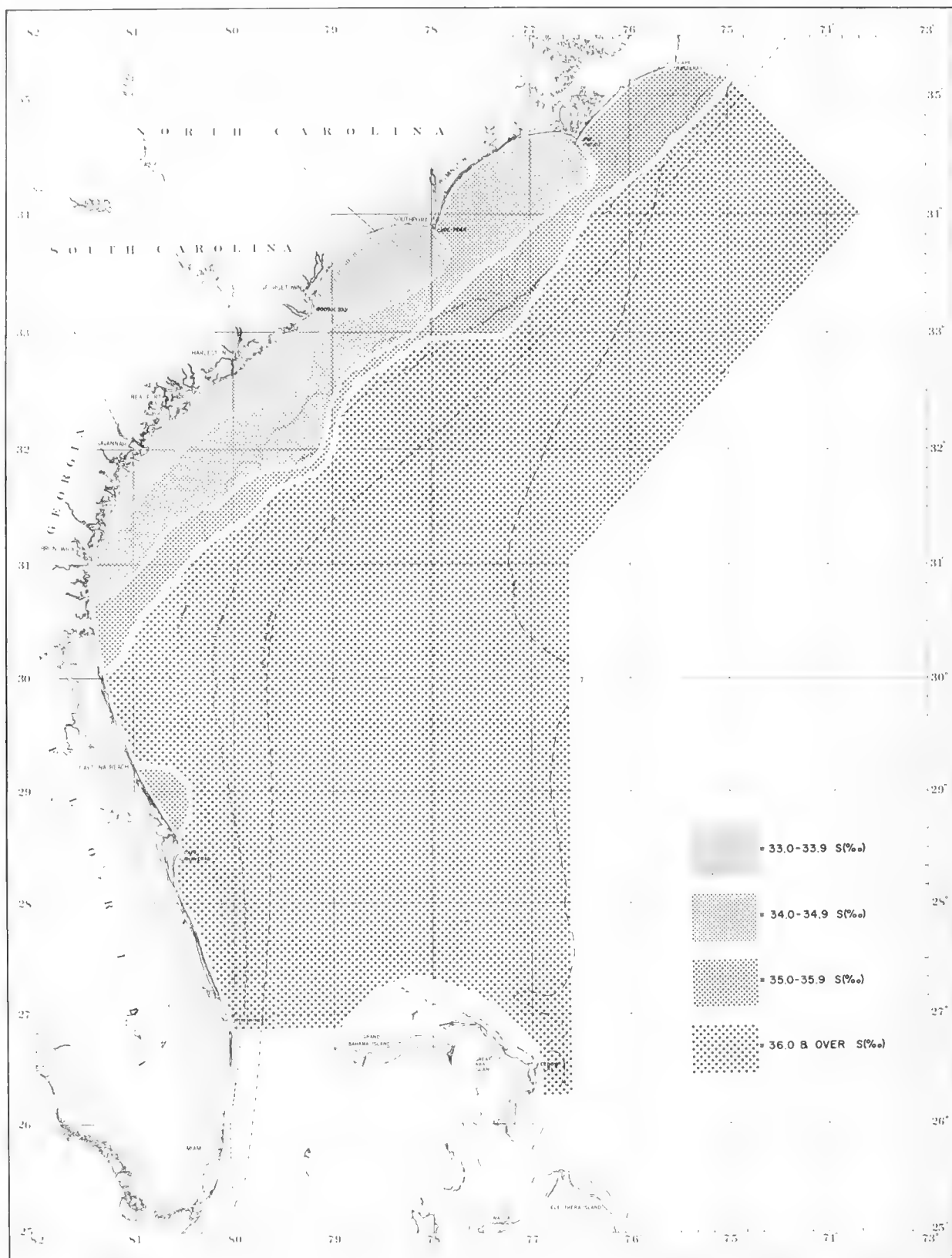


Figure 4.--Average spring surface water salinities (‰).

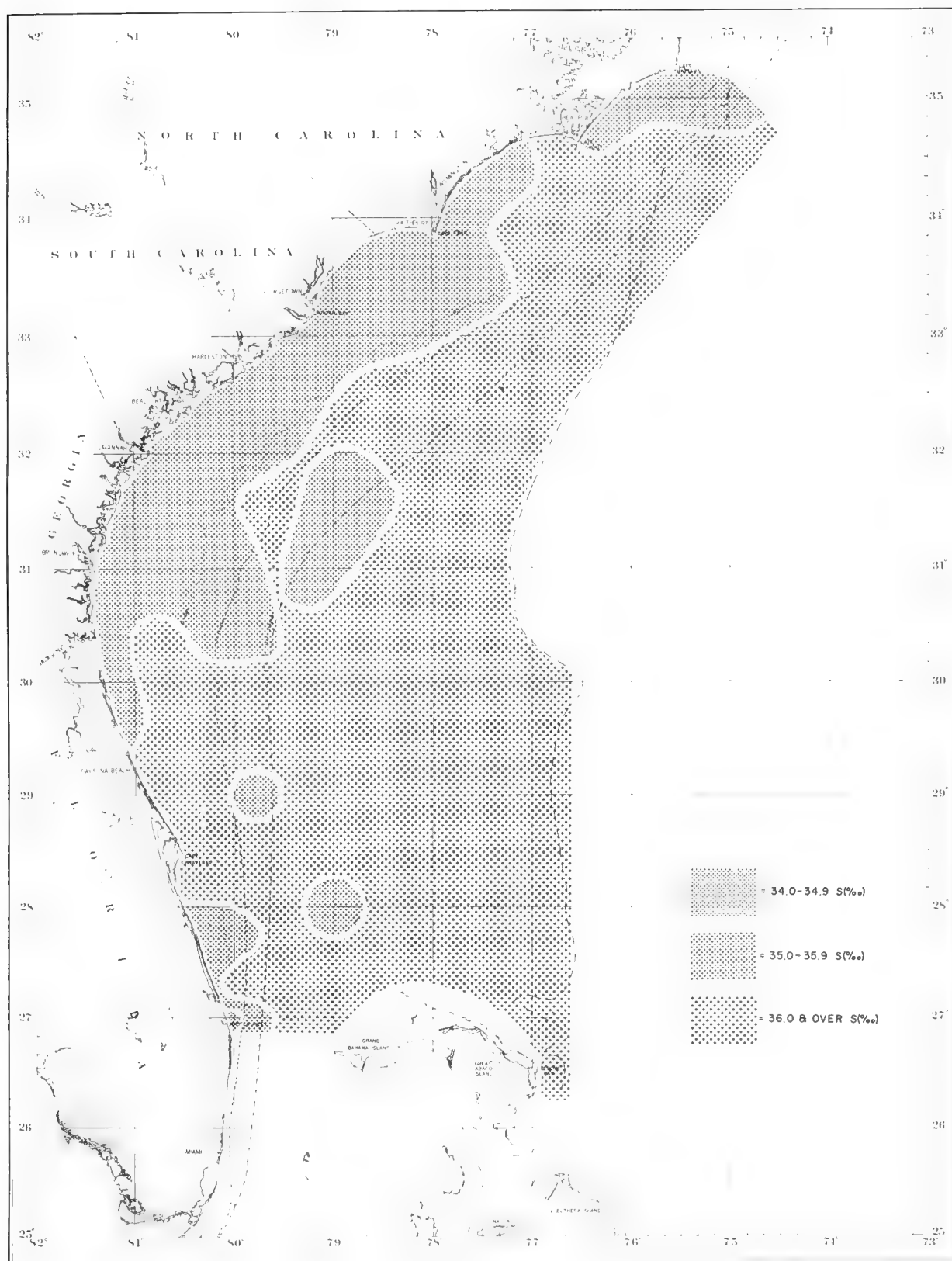


Figure 5.--Average summer surface water salinities (‰).

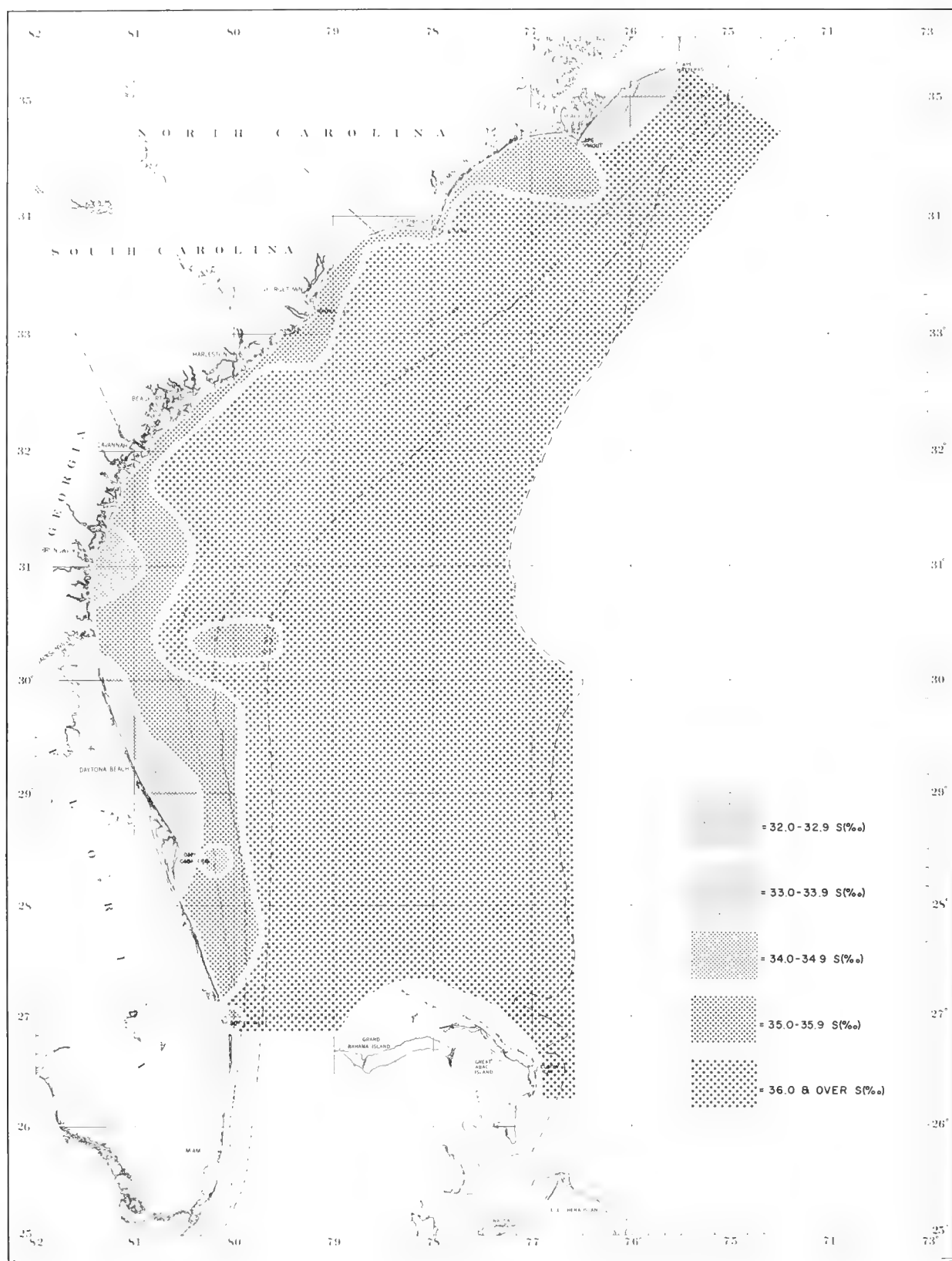


Figure 6.--Average fall surface water salinities (‰).

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Table 1.--Salinities (‰), stations by cruise

Depth (m.)	Station Special 1								
	Cruise								
	1	2	3	4	5	6	7	8	9
0		36.44							
10		36.40							
20		36.41							
30		36.47							
50		36.56							
75		36.56							
Avg.		36.5							
100		36.56							
150		36.55							
200		36.53							
250		36.51							
300		36.49							
Avg.		36.5							
400		36.48							
500		36.24							
600		35.97							
800		35.35							
1000		35.14							
Avg.		35.8							

Depth (m.)	Station Special 2								
	Cruise								
	1	2	3	4	5	6	7	8	9
0		36.18							
10		36.18							
20		36.17							
30		36.29							
50		36.48							
75		36.54							
Avg.		36.3							
100		36.59							
150		36.63							
200		36.64							
250		36.59							
300		35.55							
Avg.		36.4							
400		36.47							
500		36.38							
600		36.15							
800		35.52							
1000		35.16							
Avg.		35.9							

Table 1.--Salinities (‰), stations by cruise--Continued

Station Special 3

Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0		36.22							
10		36.20							
20		36.22							
30		36.31							
50		36.44							
75		36.48							
Avg.		36.3							
100		36.52							
150		36.61							
200		36.65							
250		36.64							
300		36.61							
Avg.		36.6							
400		36.55							
500		36.50							
600		36.38							
800		35.80							
1000		35.24							
Avg.		36.1							

Station Special 4

Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0		36.17							
10		36.19							
20		36.22							
30		36.30							
50		36.42							
75		36.51							
Avg.		36.3							
100		36.58							
150		36.64							
200		36.65							
250		36.59							
300		36.54							
Avg.		36.6							
400		36.46							
500		36.27							
600		36.06							
800		35.41							
1000		35.08							
Avg.		35.9							

Table 1.--Salinities (‰), stations by cruise--Continued

Depth (m.)	Station Special 5								
	Cruise								
	1	2	3	4	5	6	7	8	9
0		36.35	36.30		36.22	36.51	36.34		36.26
10		36.31	36.31		36.20	36.46	36.37		36.24
20		36.31	36.33		36.22	36.45	36.46		36.24
30		36.31	36.42		36.25	36.47	36.54		36.24
50		36.32	36.58		36.36	36.51	36.63		36.26
75		36.33	36.69		36.38	36.53	36.70		36.36
Avg.		36.3	36.4		36.3	36.5	36.5		36.3
100		36.34	36.73		36.48	36.55	36.78		36.48
150		36.63	36.65		36.60	36.56	36.81		36.63
200		36.61	36.63		36.58	36.56	36.75		36.64
250		36.56	36.60		36.57	36.56	36.69		36.59
300		36.53	36.57		36.54	36.55	36.64		36.52
Avg.		36.5	36.6		36.6	36.6	36.7		36.6
400		36.44	36.52		36.46	36.46	36.53		36.46
500		36.30	36.35		36.34	36.32	36.33		36.33
600						36.10	35.95		36.01
800						35.46			35.21
1000									
Avg.		36.4	36.4		36.4	36.1	36.3		36.0

Depth (m.)	Station Special 6								
	Cruise								
	1	2	3	4	5	6	7	8	9
0		36.14	36.24		36.38	36.36	36.24		36.27
10		36.17	36.24		36.36	36.34	36.35		36.26
20		36.17	36.26		36.38	36.37	36.38		36.25
30		36.25	36.41		36.41	36.40	36.49		36.26
50		36.37	36.60		36.44	36.45	36.65		36.27
75		36.50	36.63		36.41	36.52	36.70		36.28
Avg.		36.3	36.4		36.4	36.4	36.5		36.3
100		36.57	36.66		36.40	36.56	36.77		36.30
150		36.60	36.69		36.47	36.61	36.87		36.61
200		36.61	36.66		36.59	36.64	36.80		36.65
250		36.56	36.60		36.55	36.59	36.57		36.61
300		36.52	36.56		36.48	36.51	36.35		36.54
Avg.		36.6	36.6		36.5	36.6	36.7		36.5
400		36.43	36.45		36.35	36.40	35.96		36.48
500		36.28	36.32		36.13	36.15	35.70		36.42
600		36.04	36.04		35.85	35.83	35.47		36.22
800						35.23	35.19		35.72
1000						35.03			
Avg.		36.3	36.3		36.1	35.7	35.6		36.2

Table 1.--Salinities (‰), stations by cruise--Continued

Depth (m.)	Station Special 7								
	Cruise								
	1	2	3	4	5	6	7	8	9
0		36.73	36.08		36.36		36.36		36.35
10		36.72	36.10		36.35		36.38		36.35
20		36.73	36.20		36.37		36.42		36.35
30		36.70	36.33		36.38		36.53		36.35
50		36.66	36.53		36.40		36.70		36.36
75		36.59	36.70		36.40		36.73		36.52
Avg.		36.7	36.3		36.4		36.5		36.4
100		36.56	36.76		36.41		36.74		36.62
150		36.60	36.71		36.60		36.72		36.62
200		36.55	36.64		36.59		36.72		36.64
250		36.48	36.59		36.52		36.72		36.58
300		36.45	36.57		36.48		36.71		36.53
Avg.		36.5	36.7		36.5		36.7		36.6
400		36.40	36.56		36.42		36.67		36.39
500		36.13	36.49		36.31		36.51		36.28
600		35.88	36.23		36.12		36.26		36.11
800		35.30			35.71		35.62		35.48
1000							35.22		
Avg.		35.9	36.4		36.1		36.1		36.1

Depth (m.)	Station Special 8								
	Cruise								
	1	2	3	4	5	6	7	8	9
0		36.63	36.00			36.42	36.31		36.33
10		36.70	36.02			36.42	36.33		36.32
20		36.66	36.11			36.44	36.25		36.31
30		36.70	36.34			36.49	36.33		36.28
50		36.75	36.59			36.56	36.47		36.28
75		36.70	36.62			36.60	36.67		36.51
Avg.		36.7	36.3			36.5	36.4		36.3
100		36.67	36.66			36.64	36.78		36.64
150		36.67	36.71			36.69	36.76		36.67
200		36.64	36.69			36.62	36.82		36.60
250		36.57	36.63			36.44	36.72		36.55
300		36.50	36.54			36.28	36.64		36.51
Avg.		36.6	36.6			36.5	36.7		36.6
400		36.38	36.37			35.96	36.57		36.42
500		36.13	36.03			35.63	36.23		36.16
600		35.77	35.58			35.36	35.91		35.85
800		35.14				35.04	35.34		35.29
1000							35.17		
Avg.		35.9	36.0			35.5	35.8		35.9

Table 1.--Salinities (‰), stations by cruise--Continued

Depth (m.)	Station Special 9								
	Cruise								
	1	2	3	4	5	6	7	8	9
0		36.42	35.84	35.95		36.10	35.84	36.09	36.35
10		36.42	35.82	35.92	36.40	36.09	35.81	36.12	36.35
20		36.45	35.85	35.93	36.41	36.10	35.86	36.15	36.35
30		36.55	35.91	35.95	36.44	36.24	35.91	36.13	36.34
50		36.69	36.03	36.01	36.49	36.49	36.08	36.17	36.34
75		36.73	36.18	36.42	36.54	36.62	36.40	36.44	36.34
Avg.		36.5	35.9	36.0	36.5	36.3	36.0	36.2	36.3
100		36.73	36.36	36.64	36.57	36.67	36.63	36.60	36.36
150		36.72	36.58	36.65	36.59	36.66	36.73	36.67	36.66
200		36.68	36.59	36.63	36.62	36.65	36.68	36.62	36.61
250		36.64	36.56	36.55	36.64	36.64	36.63	36.57	36.53
300		36.58	36.52	36.49	36.59		36.58	36.54	36.48
Avg.		36.7	36.5	36.6	36.6	36.7	36.7	36.6	36.5
400		36.39	36.42	36.35	36.51		36.36	36.49	36.26
500		36.12	36.27	36.01	36.28		36.06	36.31	35.83
600		35.77	35.88	35.65	35.83		35.69	35.90	35.40
800							34.97		
1000									
Avg.		36.1	36.2	36.0	36.2		35.8	36.2	35.8

Depth (m.)	Station								
	Cruise								
	1	2	3	4	5	6	7	8	9
0									
10									
20									
30									
50									
75									
Avg.									
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Table 1.-- Salinities (‰), stations by cruise--Continued

Depth (m.)	Station 1								
	Cruise								
	1	2	3	4	5	6	7	8	9
0	36.35	36.10	35.97	35.93	36.20	36.00	36.02	36.30	36.09
10	36.33	36.06	35.93	35.97	36.20	36.00	36.08	36.27	36.13
20	36.36	36.07	35.95	35.93	36.18	36.00	36.03	36.27	36.16
30	36.36	36.06	35.96	35.92	36.21	36.00	36.02	36.27	36.17
50	36.36	36.07	35.98	35.91	36.24	36.00	36.00	36.30	36.18
75	36.41	36.16	36.19	36.32	36.21	36.02	36.32	36.44	36.35
Avg.	36.4	36.1	36.0	36.0	36.2	36.0	36.1	36.3	36.2
100	36.47	36.35	36.36	36.64	36.18	36.15	36.55	36.54	36.50
150	36.72	36.72	36.61	36.74	36.74	36.71	36.78	36.66	36.76
200	36.80	36.63	36.63	36.64	36.70	36.67	36.63	36.69	36.77
250	36.62	36.31	36.53	36.45	36.63	36.54	36.59	36.63	36.58
300	36.47	36.06	36.45	36.34	36.55	36.41	36.47	36.54	36.56
Avg.	36.6	36.4	36.5	36.6	36.6	36.5	36.6	36.6	36.6
400	36.27	35.53	36.21	35.93	36.08	36.14	36.01	36.25	36.21
500	35.84				35.82	35.82	35.68		35.83
600						35.43			
800									
1000									
Avg.	36.1	35.5	36.2	35.9	35.9	35.8	35.8	36.3	36.0

Depth (m.)	Station 2								
	Cruise								
	1	2	3	4	5	6	7	8	9
0	36.18	36.25	35.88	35.89	36.18	36.06	35.66	36.09	36.15
10	36.15	36.23	35.88	35.91	36.19	36.06	35.89	36.09	36.14
20	36.21	36.27	35.88	35.89	36.23	36.00	36.13	36.06	36.13
30	36.15	36.31	35.90	35.90	36.23	36.00	36.22	36.09	36.15
50	36.29	36.34	35.97	35.97	36.24	36.03	36.34	36.15	36.20
75	36.72	36.32	36.23	36.29	36.30	36.15	36.36	36.22	36.29
Avg.	36.3	36.3	36.0	36.0	36.2	36.1	36.1	36.1	36.2
100	36.80	36.14	36.44	36.48	36.40	36.30	36.38	36.35	36.50
150	36.51	35.54	36.59	36.50	36.59	36.72	36.43	36.76	36.85
200	36.29		36.32	36.28	36.25	36.32	36.25	36.66	36.55
250	36.06		35.85	36.02	36.08	36.05	35.94	36.37	36.24
300	35.76			35.76	35.84	35.81	35.63	36.10	35.94
Avg.	36.3	35.8	36.3	36.2	36.2	36.2	36.1	36.4	36.4
400	35.20			35.27	35.30	35.39	35.04	35.64	35.43
500						35.14		35.08	
600									
800									
1000									
Avg.	35.2			35.3	35.3	35.3	35.0	35.4	35.4

Table 1.--Salinities (‰), stations by cruise--Continued

Station 3									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0	36.18	36.26	35.73	32.65	36.13	35.79	33.97	34.98	35.89
10	36.15	36.30	35.75	34.54		35.77	35.29	35.40	35.81
20									
30									
50									
75									
Avg.	36.2	36.3	35.7	33.6	36.1	35.8	34.6	35.2	35.9
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Station 4									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0	36.22	36.30	36.00	34.66		36.02	36.03	35.94	36.13
10	36.29	36.27	36.00	34.65		36.00	35.75	35.94	36.20
20				34.63				35.94	36.28
30									
50									
75									
Avg.	36.3	36.3	36.0	34.6		36.0	35.9	35.9	36.2
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Table 1.--Salinities (‰), stations by cruise--Continued

Depth (m.)	Station 5								
	Cruise								
	1	2	3	4	5	6	7	8	9
0	36.17	36.30	35.99	34.47	36.34	36.01	35.54	35.98	36.16
10	36.18	36.26	36.25	34.75	36.32	36.18	35.98	36.04	36.11
20	36.08	36.12	36.25	35.26	36.31	36.30	36.36	35.97	36.26
30	35.90	36.08	36.22	35.55	36.29	36.20			36.30
50									
75									
Avg.	36.1	36.2	36.2	35.0	36.3	36.2	36.0	36.0	36.2
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Depth (m.)	Station 6								
	Cruise								
	1	2	3	4	5	6	7	8	9
0	36.15	36.18	35.84	35.91	36.22	36.01	35.93	36.13	36.08
10	36.11	36.12	35.84	35.91	36.22	36.00	36.08	36.13	36.17
20	36.13	36.09	35.87	35.90	36.22	36.00	36.12	36.13	36.23
30	36.11	36.09	35.89	35.91	36.21	36.00	36.17	36.14	36.23
50	36.18	36.13	35.98	36.03	36.20	36.09	36.26	36.22	36.22
75	36.50	36.28	36.13	36.23	36.22	36.24	36.37	36.35	36.26
Avg.	36.2	36.1	35.9	36.0	36.2	36.1	36.2	36.2	36.2
100	36.60	36.38	36.32	36.41	36.29	36.27	36.46	36.48	36.38
150	36.36	36.43	36.64	36.73	36.56	36.33	36.56	36.76	36.89
200	36.09	36.28	36.43	36.52	36.47	36.32	36.30	36.31	36.59
250	35.79	36.01	36.07	36.35	36.29		36.14	35.91	36.42
300	35.50		35.61	36.16	36.07		35.92	35.57	36.15
Avg.	36.1	36.3	36.2	36.4	36.3	36.3	36.3	36.2	36.5
400				35.58	35.52				35.69
500									
600									
800									
1000									
Avg.				35.6	35.5				35.7

Table 1.--Salinities (‰), stations by cruise--Continued

Station 7									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0	36.18	36.13	35.97	35.97	36.24	35.99	35.85	36.16	36.17
10	36.27	36.12	35.99	35.99	36.22	35.99	35.82	36.19	36.19
20	36.24	36.09	35.97	35.99	36.25	35.99	35.96	36.14	36.21
30	36.26	36.09	35.98	36.04	36.25	35.98	35.96	36.18	36.21
50	36.20	36.08	36.00	36.15	36.25	35.97	36.02	36.26	36.21
75	36.30	36.26	36.21	36.32	36.27	35.98	36.37	36.38	36.32
Avg.	36.2	36.1	36.0	36.1	36.2	36.0	36.0	36.2	36.2
100	36.39	36.46	36.42	36.47	36.34	36.10	36.58	36.50	36.45
150	36.58	36.70	36.64	36.71	36.70	36.66	36.70	36.73	36.78
200	36.60	36.62	36.64	36.74	36.75	36.69	36.69	36.69	36.80
250	36.41	36.47	36.51	36.58	36.65	36.53	36.58	36.59	36.60
300	36.24	36.30	36.44	36.49	36.53	36.36	36.45	36.45	36.40
Avg.	36.4	36.5	36.5	36.6	36.6	36.5	36.6	36.6	36.6
400		35.84	36.27	36.10	36.20	36.00	36.11	36.07	36.15
500			35.66	35.79				35.77	
600									
800									
1000									
Avg.		35.8	36.0	35.9	36.2	36.0	36.1	35.9	36.1

Station 8									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0	36.22	36.07	35.94	35.92	36.22	35.99	35.82	36.18	36.09
10	36.18	36.06	35.95	35.90	36.22	35.99	35.79	36.22	36.09
20	36.18	36.10	35.96	35.90	36.20	35.99	35.82	36.20	36.09
30	36.18	36.10	35.99	35.91	36.20	36.00	35.88	36.18	36.10
50	36.18	36.07	36.03	35.92	36.21	36.03	36.02	36.19	36.12
75	36.27	36.36	36.05	36.05	36.35	36.06	36.29	36.27	36.31
Avg.	36.2	36.1	36.0	35.9	36.2	36.0	35.9	36.2	36.1
100	36.36	36.57	36.13	36.28	36.46	36.13	36.50	36.39	36.50
150	36.56	36.64	36.59	36.65	36.60	36.57	36.73	36.64	36.79
200	36.64	36.60	36.66	36.64	36.65	36.73	36.71	36.64	36.73
250	36.48	36.46	36.59	36.50	36.60	36.56	36.60	36.63	36.66
300	36.31	36.27	36.36	36.38	36.55	36.27	36.51	36.54	36.54
Avg.	36.5	36.5	36.5	36.5	36.6	36.5	36.6	36.6	36.6
400	35.93	35.88	35.97	36.01	36.32	35.79	36.25	36.18	36.25
500	35.43	35.49	35.57	35.41	35.71	35.34	35.58	35.73	36.02
600	35.12	35.14	35.21	34.99	35.24	35.07	35.16		35.61
800									
1000									
Avg.	35.5	35.5	35.6	35.5	35.8	35.4	35.7	36.0	36.0

Table 1.--Salinities (‰), stations by cruise--Continued

Station 9									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0		36.12	35.93	35.90		36.09	35.99	36.02	36.08
10		36.10	35.91	35.88		36.07	35.98	36.01	36.05
20		36.13	35.91	35.91		36.06	35.95	36.07	36.05
30		36.13	35.91	35.91		36.06	35.97	36.11	36.10
50		36.21	35.92	35.92		36.07	36.11	36.18	36.18
75		36.36	36.07	36.07		36.27	36.35	36.26	36.19
Avg.		36.2	35.9	35.9		36.1	36.1	36.1	36.1
100		36.42	36.37	36.30		36.46	36.45	36.38	36.34
150		36.44	36.14	36.64		36.46	36.59	36.55	36.79
200		36.21		36.37		36.39	36.55	36.26	36.60
250				35.69		35.90	36.28	35.82	36.32
300							35.80	35.52	35.93
Avg.		36.4	36.3	36.3		36.3	36.3	36.1	36.4
400									
500									
600									
800									
1000									
Avg.									

Station 10									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0		36.29	36.09	33.52	36.26	36.17	35.86	35.93	36.24
10		36.26	36.12	33.64	36.22	36.17	36.08	35.97	36.19
20		36.11	36.11	33.89	36.22	36.22	36.19	35.99	36.24
30				34.96		36.34			
50									
75									
Avg.		36.2	36.1	34.0	36.2	36.2	36.0	36.0	36.2
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Table 1.--Salinities (‰), stations by cruise--Continued

Station 11									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0	36.09	36.27	36.13	30.67	35.01	35.84	36.07	36.15	36.15
10	36.17							36.17	36.22
20									
30									
50									
75									
Avg.	36.1	36.3	36.1	30.7	35.0	35.8	36.1	36.2	36.2
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Station 12									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0		36.24	35.93	30.21	35.03	36.08	36.07	35.91	36.22
10		36.27	35.97	31.18	35.03	36.04	36.06	35.97	36.21
20									
30									
50									
75									
Avg.		36.3	35.9	30.7	35.0	36.1	36.1	35.9	36.2
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Table 1.--Salinities (‰), stations by cruise--Continued

Station 13									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0		36.22	35.97	31.27	35.05	35.68	36.06	36.26	36.00
10		36.24	36.01	34.21	35.00	35.76	36.00	36.21	36.01
20									
30									
50									
75									
Avg.		36.2	36.0	32.7	35.0	35.7	36.0	36.2	36.0
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Station 14									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0		36.35	36.04	34.47	36.18	36.16	36.11	36.02	36.27
10		36.33	36.02	34.46	36.18	36.15	36.15	35.99	36.24
20		36.31	36.08	34.87	36.17	36.25	36.12	35.95	36.28
30		36.29	36.22	35.08	36.18	36.33	36.11	35.98	36.27
50			36.35	35.37	36.27	36.33	36.11	36.09	36.26
75									
Avg.		36.3	36.1	34.9	36.2	36.2	36.1	36.0	36.3
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Table 1.--Salinities (‰), stations by cruise--Continued

Depth (m.)	Station 15								
	Cruise								
	1	2	3	4	5	6	7	8	9
0		36.08	35.84	35.89	36.10	36.06	35.70	35.98	36.23
10		36.09	35.88	35.88	36.11	36.06	35.70	35.99	36.20
20		36.08	35.91	35.87	36.15	36.09	35.71	36.02	36.17
30		36.06	35.95	35.87	36.19	36.09	35.76	36.06	36.16
50		36.06	35.99	35.89	36.27	36.09	35.95	36.14	36.16
75		36.23	36.01	36.05	36.41	36.14	36.25	36.24	36.27
Avg.		36.1	35.9	35.9	36.2	36.1	35.8	36.1	36.2
100		36.39	36.11	36.24	36.53	36.32	36.54	36.36	36.46
150		36.65	36.51	36.56	36.70	36.55	36.72	36.58	36.87
200		36.61	36.60	36.51	36.64	36.39	36.63	36.21	36.60
250		36.54	36.33	36.29	36.53	36.29	36.41	36.06	36.42
300		36.45	35.81	36.07	36.36	36.06	35.98	35.76	36.17
Avg.		36.5	36.3	36.3	36.6	36.3	36.5	36.2	36.5
400		36.15	35.32	35.63	35.82	35.46	35.32	35.32	35.56
500		35.77		35.28	35.35	35.11	34.99		35.09
600		35.32		35.07	34.94				
800									
1000									
Avg.		35.7	35.3	35.3	35.4	35.3	35.2	35.3	35.3

Depth (m.)	Station 16								
	Cruise								
	1	2	3	4	5	6	7	8	9
0		36.08	35.95	36.04	36.40	36.09	36.27	36.13	36.17
10		36.08	35.93	36.04	36.40	36.08	36.13	36.15	36.12
20		36.04	35.94	36.05	36.41	36.07	36.09	36.18	36.11
30		36.25	35.95	36.04	36.47	36.07	36.09	36.20	36.20
50		36.54	35.99	36.04	36.55	36.08	36.09	36.22	36.35
75		36.62	36.08	36.05	36.55	36.10	36.39	36.36	36.40
Avg.		36.3	36.0	36.0	36.5	36.1	36.2	36.2	36.2
100		36.67	36.18	36.11	36.56	36.21	36.60	36.47	36.49
150		36.67	36.51	36.57	36.66	36.66	36.74	36.63	36.79
200		36.58	36.65	36.62	36.74	36.76	36.77	36.60	36.72
250		36.51	36.53	36.49	36.66	36.72	36.66	36.60	36.66
300		36.44	36.40	36.36	36.59	36.61	36.56	36.58	36.60
Avg.		36.6	36.5	36.4	36.6	36.6	36.7	36.6	36.7
400		36.27	36.15	36.11	36.48	36.20	36.36	36.44	36.47
500		35.86	35.81	35.81	36.23	35.71	35.84	36.08	35.91
600		35.47	35.26	35.46		35.32	35.44	35.63	35.86
800			34.95						
1000									
Avg.		35.9	35.5	35.8	36.4	35.7	35.9	36.1	36.1

Table 1.--Salinities (‰), stations by cruise--Continued

Depth (m.)	Station 17								
	Cruise								
	1	2	3	4	5	6	7	8	9
0		36.13	35.93		36.42	36.11	35.96	36.21	36.16
10		36.09	35.89		36.44	36.11	35.96	36.14	36.16
20		36.13	35.87		36.43	36.11	36.07	36.18	36.15
30		36.20	35.94		36.50	36.12	36.07	36.18	36.15
50		36.43	36.02		36.59	36.16	36.08	36.22	36.15
75		36.67	36.04		36.56	36.22	36.17	36.41	36.29
Avg.		36.3	35.9		36.5	36.1	36.1	36.2	36.2
100		36.68	36.17		36.53	36.38	36.30	36.56	36.45
150		36.63	36.55		36.58	36.71	36.67	36.64	36.77
200		36.60	36.60		36.74	36.77	36.76	36.67	36.71
250		36.55	36.50		36.73	36.67	36.68	36.66	36.64
300		36.47	36.39		36.68	36.52	36.52	36.57	36.53
Avg.		36.6	36.4		36.7	36.6	36.6	36.6	36.6
400		36.10	36.22		36.33	36.19	36.00	36.17	36.01
500		35.62	35.60		36.05	35.94	35.73	35.61	35.67
600		35.20	35.17		35.66	35.60	35.47	35.22	35.11
800									
1000									
Avg.		35.6	35.7		36.0	35.9	35.7	35.7	35.6

Depth (m.)	Station 18								
	Cruise								
	1	2	3	4	5	6	7	8	9
0		36.12	35.91	35.94	36.17		35.95	36.07	35.92
10		36.10	35.90	35.92	36.15		35.95	36.06	36.00
20		36.13	35.91	35.91	36.15		36.00	36.05	36.05
30		36.20	35.95	35.91	36.15		36.00	36.07	36.08
50		36.35	36.04	36.00	36.19		36.09	36.11	36.20
75		36.43	36.17	36.31	36.32		36.27	36.19	36.30
Avg.		36.2	36.0	36.0	36.2		36.0	36.1	36.1
100		36.40	36.32	36.49	36.47		36.43	36.33	36.32
150		36.40	36.34	36.50	36.54		36.44	36.45	36.54
200			35.80	36.25	36.28		36.24	36.06	36.07
250				35.98	35.99		35.93	35.49	35.48
300				35.72	35.63		35.59	35.28	35.18
Avg.		36.4	36.2	36.2	36.2		36.1	35.9	35.9
400				35.33	35.12			35.13	
500									
600									
800									
1000									
Avg.				35.3	35.1			35.1	

Table 1.--Salinities (‰), stations by cruise--Continued

Station 19									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0		36.33	36.02	35.58	36.25		36.11	35.86	36.18
10		36.34	36.02	35.56	36.26		36.13	35.95	36.22
20		36.27	36.02	35.67	36.26		36.11	36.03	36.22
30		36.19	36.26	35.77	36.26		36.11	36.03	36.27
50									
75									
Avg.		36.3	36.1	35.6	36.3		36.1	36.0	36.2
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Station 20									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0		36.36	36.00	35.39	35.40		35.91	36.31	36.43
10		36.36	36.02	35.39	35.40		35.93	36.29	36.38
20		36.29	36.02	35.35	35.56		35.96	36.29	36.30
30									
50									
75									
Avg.		36.3	36.0	35.4	35.5		35.9	36.3	36.4
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Table 1.--Salinities (‰), stations by cruise--Continued

Station 21									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0		35.97	35.73	31.12	33.26		35.46	36.27	35.04
10		35.95	35.91	34.31	33.38		35.54	36.27	35.12
20									
30									
50									
75									
Avg.		36.0	35.8	32.7	33.3		35.5	36.3	35.1
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Station 22									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0		36.00	35.61	31.71	33.70		35.52	36.15	35.44
10		35.99	35.86		33.68		35.53	36.18	35.55
20									
30									
50									
75									
Avg.		36.0	35.7	31.7	33.7		35.5	36.2	35.5
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Table 1.--Salinities (‰), stations by cruise--Continued

Depth (m.)	Station 23								
	Cruise								
	1	2	3	4	5	6	7	8	9
0	34.94	35.58	35.48		32.43		35.11	35.86	35.91
10	35.10	35.62	35.75		33.03		35.21	35.85	35.41
20									
30									
50									
75									
Avg.	35.0	35.6	35.6		32.7		35.2	35.9	35.7
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Depth (m.)	Station 24								
	Cruise								
	1	2	3	4	5	6	7	8	9
0	36.17	36.13	35.89	35.41	35.04		35.52	36.47	36.48
10	36.17	36.13	35.86	35.42	35.17		35.55	36.48	36.55
20	36.26	36.22	35.91	35.39					
30									
50									
75									
Avg.	36.2	36.2	35.9	35.4	35.1		35.5	36.5	36.5
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Table 1.--Salinities (‰), stations by cruise--Continued

Station 25									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0	36.11	36.36	35.91	35.94	36.31		36.02	36.47	36.32
10	36.13	36.30	35.90	35.97	36.31		36.05	36.47	36.29
20	36.13	36.24	36.06	35.94	36.32		36.06	36.44	36.31
30	36.15								
50									
75									
Avg.	36.1	36.3	36.0	35.9	36.3		36.0	36.5	36.3
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Station 26									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0	36.20	36.35	35.95	35.80	36.23		35.99	35.61	36.10
10	36.18	36.33	35.95	35.83	36.24		35.92	35.93	36.10
20	36.17	36.33	36.00	35.82	36.23		36.03	35.95	36.08
30	36.13	36.36	36.03	35.81	36.18		36.14	36.06	36.09
50	35.97	36.35	36.07	35.84	36.16		36.32	36.22	36.12
75	35.59	36.17	36.06	35.96	36.29		36.47	36.24	36.22
Avg.	36.0	36.3	36.0	35.8	36.2		36.1	36.0	36.1
100	35.30	35.81	36.04	36.11	36.33		36.06	36.26	36.38
150	34.96			36.13					
200									
250									
300									
Avg.	35.1	35.8	36.0	36.1	36.3		36.1	36.3	36.4
400									
500									
600									
800									
1000									
Avg.									

Table 1.--Salinities (‰), stations by cruise--Continued

Depth (m.)	Station 27								
	Cruise								
	1	2	3	4	5	6	7	8	9
0		36.15	35.88	35.89			35.89	36.06	35.96
10		36.13	35.87	35.87			35.91	36.02	35.95
20		36.13	35.86	35.89			36.01	36.02	35.95
30		36.13	35.91	35.88			36.05	36.04	35.95
50		36.40	35.97	35.93			36.15	36.09	35.95
75		36.62	36.08	36.13			36.31	36.20	36.05
Avg.		36.3	35.9	35.9			36.1	36.1	36.0
100		36.68	36.36	36.59			36.43	36.38	36.19
150		36.58	36.61	36.62			36.58	36.60	36.50
200		36.32	36.37	36.54			36.52	36.31	36.69
250		36.04	36.13	36.43			36.29	35.93	36.48
300			35.90	36.25			35.92	35.64	36.18
Avg.		36.4	36.3	36.5			36.3	36.2	36.4
400				35.81				35.26	35.24
500				35.41				35.08	34.91
600									
800									
1000									
Avg.				35.6				35.2	35.1

Depth (m.)	Station 28								
	Cruise								
	1	2	3	4	5	6	7	8	9
0		36.21	35.90	35.97	36.39		36.01	36.15	36.00
10		36.20	35.90	35.96	36.38		36.09	36.13	36.09
20		36.20	35.90	36.00	36.36		36.07	36.22	36.15
30		36.20	35.91	36.04	36.37		36.06	36.24	36.17
50		36.37	35.97	36.16	36.38		36.11	36.29	36.22
75		36.61	36.15	36.42	36.39		36.27	36.38	36.26
Avg.		36.3	36.0	36.1	36.4		36.1	36.2	36.1
100		36.62	36.29	36.60	36.40		36.46	36.48	36.38
150		36.67	36.44	36.70	36.58		36.57	36.71	36.67
200		36.66	36.53	36.60	36.65		36.49	36.74	36.66
250		36.62	36.55	36.54	36.64		36.40	36.69	36.61
300		36.54	36.56	36.48	36.62		36.31	36.60	36.53
Avg.		36.6	36.5	36.6	36.6		36.4	36.6	36.6
400		36.28	36.22	36.40	36.38		36.08	36.27	36.23
500		35.91	35.95	36.18			35.82	35.78	35.75
600			35.73	35.72				35.39	35.37
800			34.88						
1000									
Avg.		36.1	35.7	36.1	36.4		35.9	35.8	35.8

Table 1.--Salinities (‰), stations by cruise--Continued

Station 29									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0		36.21	35.75	36.00			35.78	36.11	35.96
10		36.19	35.81	36.02			35.77	36.14	35.96
20		36.20	35.84	36.05			35.77	36.12	35.97
30		36.21	35.86	36.06			35.77	36.13	35.91
50		36.38	35.96	36.12			35.93	36.16	35.89
75		36.56	36.25	36.41			36.23	36.46	36.15
Avg.		36.3	35.9	36.1			35.9	36.2	36.0
100		36.63	36.44	36.68			36.57	36.65	36.41
150		36.74	36.49	36.64			36.69	36.70	36.62
200		36.72	36.51	36.61			36.64	36.67	36.62
250		36.64	36.50	36.55			36.61	36.63	36.57
300		36.50	36.42	36.50			36.29	36.58	36.45
Avg.		36.6	36.5	36.6			36.6	36.6	36.5
400		36.02	36.08	36.33				36.45	36.02
500		35.30	35.56	36.02				36.17	35.59
600			35.10	35.66				35.77	35.21
800									
1000									
Avg.		35.7	35.6	36.0				36.1	35.6

Station 30									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0		36.26	35.82	36.15			36.10	36.04	36.01
10		36.27	35.89	36.15			36.07	36.05	36.00
20		36.30	35.85	36.13			36.03	36.06	36.00
30		36.37	35.88	36.14			36.04	36.06	36.00
50		36.60	36.02	36.15			36.25	36.11	36.00
75		36.71	36.36	36.54			36.44	36.23	35.99
Avg.		36.4	36.0	36.2			36.2	36.1	36.0
100		36.57	36.54	36.92			36.44	36.35	36.19
150		36.37	36.56	36.87			36.35	36.29	36.70
200		36.22	36.41	36.73			36.35	36.24	36.62
250		35.95	36.21	36.62			36.32	35.99	36.41
300		35.64	35.88	36.44				35.68	36.19
Avg.		36.1	36.3	36.7			36.4	36.1	36.4
400			35.39	35.91					35.35
500				35.39					
600									
800									
1000									
Avg.			35.4	35.7					35.4

Table 1.--Salinities (‰), stations by cruise--Continued

Station 31									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0		36.37	35.95	36.13			36.04	35.68	
10		36.40	35.90	36.13			35.97	35.90	
20		36.39	35.99	36.13			36.02	36.18	
30		36.40	36.08	36.14			36.07	36.20	
50							36.18		
75									
Avg.		36.4	36.0	36.1			36.1	36.0	
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Station 32									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0	36.18	36.10	35.61	36.00			35.79	36.13	
10	36.22	36.13	35.61	36.03			35.68	36.11	
20	36.20	36.22	35.80	36.15			35.93	36.14	
30	36.20	36.22	35.79	36.18			36.04	36.14	
50									
75									
Avg.	36.2	36.2	35.7	36.1			35.9	36.1	
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Table 1.--Salinities (‰), stations by cruise--Continued

Station 33									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0	35.97	35.17	35.91	35.37	35.62		35.02	36.25	
10	36.00	35.37	35.91	35.34	35.59		35.10	36.24	
20	36.00								
30									
50									
75									
Avg.	36.0	35.3	35.9	35.4	35.6		35.1	36.2	
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Station 34									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0	34.56	34.70	35.44	34.34	32.84		34.78	35.71	
10	34.54	34.75	35.43	34.51	32.81		34.78	35.75	
20									
30									
50									
75									
Avg.	34.5	34.7	35.4	34.4	32.8		34.8	35.7	
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Table 1.--Salinities (‰), stations by cruise--Continued

Depth (m.)	Station 35								
	Cruise								
	1	2	3	4	5	6	7	8	9
0	34.76	34.69	35.26	35.11	32.18		34.52	36.04	35.98
10	35.01	34.86	35.63	35.08	33.57		34.61	36.05	35.96
20									
30									
50									
75									
Avg.	34.9	34.8	35.4	35.1	32.9		34.6	36.0	36.0
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Depth (m.)	Station 36								
	Cruise								
	1	2	3	4	5	6	7	8	9
0	35.25	34.61	34.87	36.13	35.11		34.20	36.06	36.16
10	35.25	34.69	35.16	36.10	35.14		34.42	35.92	36.09
20									
30									
50									
75									
Avg.	35.3	34.7	35.0	36.1	35.1		34.3	36.0	36.1
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Table 1.--Salinities (‰), stations by cruise--Continued

Depth (m.)	Station 37								
	Cruise								
	1	2	3	4	5	6	7	8	9
0	36.15	34.63	35.68	36.22	35.59		35.40	36.20	36.51
10	36.17	34.69	35.64	36.18	35.57		35.57	36.20	36.48
20	36.17		35.77	36.17	35.55		35.73	36.19	36.46
30	36.18								
50									
75									
Avg.	36.2	34.7	35.7	36.2	35.6		35.6	36.2	36.5
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Depth (m.)	Station 38								
	Cruise								
	1	2	3	4	5	6	7	8	9
0	36.36	35.70	35.86	36.20	36.38		36.17	36.13	36.27
10	36.18	35.71	35.86	36.18	36.39		36.08	36.10	36.27
20	36.36	35.89	36.10	36.21	36.39		36.08	36.08	36.24
30	36.13	36.15	36.20	36.18	36.36		36.18	36.09	36.20
50									
75									
Avg.	36.3	35.9	36.0	36.2	36.4		36.1	36.1	36.2
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Table 1.--Salinities (‰), stations by cruise--Continued

Station 39									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0	36.20	36.36	36.04	36.18	36.12		35.78	36.09	36.18
10	36.22	36.36	36.06	36.20	36.14		35.79	36.06	36.17
20	36.24	36.36	36.06	36.20	36.15		35.94	36.08	36.16
30	36.26	36.35	36.06	36.19	36.19		36.23	36.14	36.15
50	36.33	36.26	36.05	36.20	36.25		36.48	36.25	36.15
75	36.38	36.02	35.87	36.33	36.30		36.46	36.34	36.16
Avg.	36.3	36.3	36.0	36.2	36.2		36.1	36.2	36.2
100	36.35	35.84	35.71	36.65			36.17	36.34	36.36
150	36.24	35.69	35.39	36.60			35.96	36.19	36.38
200	35.92	35.41	35.11	36.35			35.81	35.99	35.78
250	35.59		34.99	36.14			35.54	35.47	35.35
300	35.32		34.94	35.95			35.30		35.14
Avg.	35.9	35.6	35.2	36.3			35.8	36.0	35.8
400				35.57					
500									
600									
800									
1000									
Avg.				35.6					

Station 40									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0	36.18	36.13	35.95	36.29	36.36		35.93		36.08
10	36.13	36.13	35.95	36.28	36.31		35.88		36.08
20	36.12	36.13	35.93	36.32	36.28		35.92		36.08
30	36.12	36.13	35.96	36.33	36.30		35.98		36.08
50	36.16	36.19	36.02	36.38	36.29		36.02		36.09
75	36.48	36.34	36.13	36.50	36.27		36.09		36.16
Avg.	36.2	36.2	36.0	36.3	36.3		36.0		36.1
100	36.72	36.48	36.26	36.65	36.33		36.36		36.36
150	36.70	36.60	36.60	36.88	36.38		36.64		36.69
200		36.59	36.58	36.92	36.44		36.58		36.48
250		36.53	36.53	36.92	36.51		36.44		36.23
300		36.47	36.44	36.83	36.37		36.27		36.02
Avg.	36.7	36.5	36.5	36.8	36.4		36.5		36.4
400		36.11	36.14		35.64		35.87		
500			35.86						
600									
800									
1000									
Avg.		36.1	36.0		35.6		35.9		

Table 1.--Salinities (‰), stations by cruise--Continued

Station 41									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0	35.93	36.18	35.93	36.26			35.96		36.09
10	35.89	36.17	35.90	36.26	36.14		35.87		36.10
20	36.17	36.13	35.93	36.27	36.16		35.96		36.10
30	36.19	36.11	35.97	36.26	36.17		36.11		36.09
50	36.49	36.24	36.00	36.26	36.16		36.20		36.23
75	36.40	36.45	36.28	36.35	36.30		36.20		36.38
Avg.	36.2	36.2	36.0	36.3	36.2		36.1		36.2
100	36.31	36.67	36.56	36.62	36.33		36.23		36.47
150	36.66	36.59	36.24	36.97	36.11		35.94		36.47
200	36.65	36.10	35.94	36.73	35.78		35.62		36.17
250	36.53		35.55	36.29	35.55		35.42		35.53
300	36.46		35.21	35.97	35.40		35.24		35.28
Avg.	36.5	36.5	35.9	36.5	35.8		35.7		36.0
400					35.26				
500									
600									
800									
1000									
Avg.					35.3				

Station 42									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0	36.22	34.85	36.02	36.17	36.26		36.02		36.26
10	36.22	34.81	36.02	36.16	36.18		36.04		36.18
20	36.00	35.02	36.17	36.17	36.26		36.04		36.27
30	36.22	35.61	36.20	36.16	36.30		36.25		36.25
50	36.21	36.07	36.20	36.16	36.33		36.47		36.22
75	36.09	35.96	35.99	36.20	36.29		36.40		36.22
Avg.	36.2	35.4	36.1	36.2	36.3		36.2		36.2
100		35.68	35.75	36.26			35.94		36.22
150									
200									
250									
300									
Avg.		35.7	35.7	36.3			35.9		36.2
400									
500									
600									
800									
1000									
Avg.									

Table 1.--Salinities (‰), stations by cruise--Continued

Station 43									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0	36.29		35.10	36.18	36.31		36.10	36.02	36.40
10	36.27		35.35	36.25	36.29		36.11	36.01	36.32
20	36.22	36.14	35.84	36.24	36.26		36.13	36.03	36.34
30				36.22					
50									
75									
Avg.	36.3	36.1	35.4	36.2	36.3		36.1	36.0	36.4
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Station 44									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0	34.92	33.58	34.97	36.06	35.55		35.64	36.08	36.36
10	34.99	34.36	34.96	36.04	35.71		35.39	36.07	36.35
20									
30									
50									
75									
Avg.	35.0	34.0	35.0	36.1	35.6		35.5	36.1	36.4
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Table 1.--Salinities (‰), stations by cruise--Continued

Depth (m.)	Station 45								
	Cruise								
	1	2	3	4	5	6	7	8	9
0	33.64	33.44	35.01	36.17			34.20	36.16	35.86
10	34.69	34.75	35.16	36.16			35.17		35.89
20									
30									
50									
75									
Avg.	34.2	34.1	35.1	36.2			34.7	36.2	35.9
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Depth (m.)	Station 46								
	Cruise								
	1	2	3	4	5	6	7	8	9
0	33.82	33.91	35.05	35.80	34.05			35.89	35.87
10	34.22			35.82					35.91
20									
30									
50									
75									
Avg.	34.0	33.9	35.1	35.8	34.1			35.9	35.9
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Table 1.--Salinities (‰), stations by cruise--Continued

Station 47									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0	36.27	34.56	35.73	36.32	36.32			36.15	36.35
10	36.26	34.78	35.39	36.30	36.31		36.03	36.16	36.37
20	36.26	35.99	35.37	36.29	36.29		35.90	36.13	36.39
30									
50									
75									
Avg.	36.3	35.1	35.5	36.3	36.3		36.0	36.1	36.4
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Station 48									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0	36.22	36.26	36.04	36.18	36.36		36.58	36.05	36.36
10	36.20	36.27	36.02	36.14	36.36		36.08	36.04	36.31
20	36.18	36.34	36.04	36.15	36.34		36.16	36.06	36.29
30	36.20	36.35	36.11	36.15	36.34		36.31	36.15	36.29
50	36.15	36.35	36.17	36.18	36.33		36.44	36.18	36.30
75	35.81	36.28	36.04	36.33	36.33		36.10	35.78	36.31
Avg.	36.1	36.3	36.1	36.2	36.3		36.3	36.0	36.3
100	35.62	36.17	35.86	36.40	36.33		35.86	35.45	36.31
150	35.37	35.80	35.39	36.33	36.15		35.71	34.97	36.20
200	35.30	35.35					35.62	34.95	
250		35.08							
300		34.96							
Avg.	35.4	35.5	35.6	36.4	36.2		35.7	35.1	36.3
400									
500									
600									
800									
1000									
Avg.									

Table 1.--Salinities (‰), stations by cruise--Continued

Depth (m.)	Station 49								
	Cruise								
	1	2	3	4	5	6	7	8	9
0	36.27	36.11	36.06	36.13	36.19		36.14		36.20
10	36.23	36.15	36.04	36.11	36.20		36.22	36.00	36.24
20	36.14	36.19	36.04	36.12	36.18		36.44	36.26	36.27
30	36.04	36.24	36.04	36.13	36.22		36.30	36.36	36.29
50	35.95	36.22	36.10	36.17	36.30		36.08	36.43	36.30
75	35.95	36.06	36.17	36.40	36.38		36.08	36.14	36.28
Avg.	36.1	36.2	36.1	36.2	36.2		36.2	36.2	36.3
100	35.94	35.91	36.17	36.63	36.43		36.08	35.99	36.26
150	35.83	35.59	35.77	36.64	36.32		36.08	35.99	36.04
200	35.52	35.21		36.28	36.11		35.75		35.70
250	35.29	34.97		36.07	35.83		35.50		35.46
300				35.94			35.32		
Avg.	35.6	35.4	36.0	36.3	36.2		35.7	36.0	35.9
400									
500									
600									
800									
1000									
Avg.									

Depth (m.)	Station 50								
	Cruise								
	1	2	3	4	5	6	7	8	9
0	36.22		35.99	36.35	36.08		36.10	36.09	36.09
10	36.17		35.99	36.28	36.08		36.06	36.09	36.10
20	36.17		35.99	36.31	36.07		35.95	36.05	36.10
30	36.18		35.95	36.27	36.06		35.93	36.02	36.10
50	36.21		35.94	36.27	36.11		35.97	36.04	36.09
75	36.35		36.03	36.59	36.23		36.29	36.17	36.08
Avg.	36.2		36.0	36.3	36.1		36.1	36.1	36.1
100	36.50		36.24	36.79	36.28		36.27	36.41	36.14
150	36.71		36.64	36.85	36.33		36.05	36.68	36.51
200	36.63		36.59	36.96	36.30		35.83	36.64	36.54
250	36.37		36.41	36.75	36.21		35.64	36.60	35.97
300	36.09		36.27	36.47	36.06		35.43	36.44	35.52
Avg.	36.5		36.4	36.8	36.2		35.8	36.6	36.1
400	35.70		36.01	36.21	35.54			36.02	35.06
500	35.43		35.55	36.05				35.68	
600				35.62					
800									
1000									
Avg.	35.6		35.8	36.0	35.5			35.9	35.1

Table 1.--Salinities (‰), stations by cruise--Continued

Station 51									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0	36.24		36.01	36.22	36.30		36.06	35.98	36.23
10	36.32		36.00	36.19	36.30		36.04	35.99	36.21
20	36.30		35.97	36.22	36.31		36.10	36.01	36.19
30	36.28		35.95	36.24	36.32		36.18	36.00	36.18
50	36.29		35.97	36.33	36.36		36.21	35.99	36.24
75	36.42		36.06	36.54	36.41		36.13	35.99	36.26
Avg.	36.3		36.0	36.3	36.3		36.1	36.0	36.2
100	36.55		36.21	36.65	36.41		35.95	36.03	36.33
150	36.18		36.63	36.64	35.92		35.65	36.25	36.16
200	35.89		36.64	36.59	35.63		35.40	36.14	35.65
250	35.73		36.65	36.35	35.42		35.23	35.84	35.36
300			36.60	36.14	35.25		35.15	35.52	35.24
Avg.	36.1		36.5	36.5	35.7		35.5	36.0	35.7
400				35.74			35.02	35.15	
500				35.30					
600									
800									
1000									
Avg.				35.5			35.0	35.1	

Station 52									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0	36.11		36.04	36.13	36.36		36.19	36.11	36.29
10	36.11		36.04	36.10	36.36		36.03	36.12	36.29
20	36.09		36.11	36.11	36.34		36.05	36.13	36.28
30	35.94		36.18	36.10	36.38		36.10	36.22	36.27
50	35.72		36.19	36.09	36.43		36.16	36.29	36.26
75	35.61			36.40	36.44		36.13	36.09	36.23
Avg.	35.9		36.1	36.2	36.4		36.1	36.2	36.3
100	35.59			36.62	36.45		36.06	35.91	36.20
150	35.43			36.38	36.21		35.80	35.62	35.68
200	35.29			36.05	35.65		35.59	35.54	35.19
250	35.19			35.81	35.46		35.38	35.39	35.15
300				35.72	35.34		35.16	35.17	35.16
Avg.	35.4			36.1	35.8		35.6	35.5	35.5
400									
500									
600									
800									
1000									
Avg.									

Table 1.--Salinities (‰), stations by cruise--Continued

Station 53

Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0	36.20	36.35	35.43	36.09	36.38		36.44	36.18	36.21
10	36.18	36.35	35.44	36.09	36.36		36.02	36.15	36.29
20	36.15	36.34	35.91	36.09	36.36		36.14	36.13	36.22
30	36.11	36.38	36.09	36.10	36.39		36.24	36.22	36.24
50	36.08	36.43	36.28	36.12	36.44		36.38	36.31	36.26
75	35.84	36.41	36.18	36.26	36.43		36.28	36.17	36.18
Avg.	36.1	36.4	35.9	36.1	36.4		36.3	36.2	36.2
100	35.79	36.36	36.07	36.51	36.42		36.17	36.00	36.12
150	35.44	35.95		36.49	36.17		35.95	35.55	36.04
200									
250									
300									
Avg.	35.6	36.2	36.1	36.5	36.3		36.1	35.8	36.1
400									
500									
600									
800									
1000									
Avg.									

Station 54

Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0		34.25	35.55	36.14	36.36		35.67	36.23	36.36
10	36.13	35.93	35.59	36.14	36.37		35.68	36.17	36.33
20	36.11	36.15	36.15	36.15	36.16		36.00	36.18	36.31
30									
50									
75									
Avg.	36.1	35.4	35.8	36.1	36.3		35.8	36.2	36.3
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Table 1.--Salinities (‰), stations by cruise--Continued

Depth (m.)	Station 55								
	Cruise								
	1	2	3	4	5	6	7	8	9
0		33.77	35.33	36.03	35.48		35.52	36.03	36.46
10		35.70	35.48	36.02	35.69		35.57	36.05	36.45
20									
30									
50									
75									
Avg.		34.7	35.4	36.0	35.6		35.5	36.0	36.5
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Depth (m.)	Station 56								
	Cruise								
	1	2	3	4	5	6	7	8	9
0	34.13	33.49	34.74	35.79	34.75			35.51	35.94
10									
20									
30									
50									
75									
Avg.	34.1	33.5	34.7	35.8	34.7			35.5	35.9
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Table 1.--Salinities (‰), stations by cruise--Continued

Depth (m.)	Station 57								
	Cruise								
	1	2	3	4	5	6	7	8	9
0	35.90	33.66	34.43	36.04			35.10	36.12	36.53
10	35.95	33.75	35.35	36.08			35.12	36.06	36.47
20									
30									
50									
75									
Avg.	35.9	33.7	34.9	36.1			35.1	36.1	36.5
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Depth (m.)	Station 58								
	Cruise								
	1	2	3	4	5	6	7	8	9
0	34.18	33.76	35.62	36.16	36.15		35.17	35.88	36.35
10	34.61	35.29	35.61	36.17	36.13		35.12	35.85	36.34
20									
30									
50									
75									
Avg.	34.4	34.5	35.6	36.2	36.1		35.1	35.9	36.3
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Table 1.--Salinities (‰), stations by cruise--Continued

Depth (m.)	Station 59								
	Cruise								
	1	2	3	4	5	6	7	8	9
0	36.17	35.10	35.61	36.26	36.42		35.93	35.91	36.30
10	36.20	35.32	35.61	36.26	36.43		35.89	36.11	36.27
20	36.18				36.42		36.09		36.33
30									
50									
75									
Avg.	36.2	35.2	35.6	36.3	36.4		36.0	36.0	36.3
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Depth (m.)	Station 60								
	Cruise								
	1	2	3	4	5	6	7	8	9
0	35.99	35.65	35.94	36.18			36.07	36.08	36.26
10	35.97	35.80	35.95	36.17			36.08	36.11	36.29
20	35.97	36.15	35.95	36.18			36.00	36.13	36.26
30	35.99	36.24	36.05	36.20			36.13	36.24	36.26
50	36.10	36.34	36.18	36.26			36.33	36.35	36.27
75	36.22	36.31	36.18	36.38			36.47	36.17	36.32
Avg.	36.0	36.1	36.0	36.2			36.2	36.2	36.3
100	35.99	36.11	36.14	36.50			36.51	35.99	36.33
150		35.84	35.69	36.67			36.33	35.64	36.27
200		35.64					35.96	35.27	36.00
250									
300									
Avg.	36.0	35.9	35.9	36.6			36.3	35.6	36.2
400									
500									
600									
800									
1000									
Avg.									

Table 1.--Salinities (‰), stations by cruise--Continued

Depth (m.)	Station 61								
	Cruise								
	1	2	3	4	5	6	7	8	9
0	36.06	36.20	35.68	36.29	36.36		36.06	36.16	36.09
10	36.06	36.18	35.69	36.27	36.35		35.97	36.15	36.06
20	36.06	36.18	35.87	36.26	36.35		35.88	36.16	36.05
30	36.02	36.14	36.09	36.28	36.36		36.06	36.17	36.07
50	35.97	35.99	36.21	36.36	36.36		36.33	36.25	36.14
75	35.97	35.66	36.20	36.61	36.36		36.39	36.31	36.41
Avg.	36.0	36.1	36.0	36.3	36.4		36.1	36.2	36.1
100	35.89	35.39	36.07	36.78	36.30		36.44	36.31	36.44
150	35.57	35.21	35.57	36.85	35.88		35.97	35.90	36.38
200	35.47	35.15	35.43	36.47	35.57		35.73	35.55	35.89
250	35.26	35.07	35.29	36.28	35.34		35.53	35.35	35.69
300		35.01		36.08	35.19		35.37		35.42
Avg.	35.5	35.2	35.6	36.5	35.7		35.8	35.8	36.0
400		34.99		35.63			35.14		
500									
600									
800									
1000									
Avg.		35.0		35.6			35.1		

Depth (m.)	Station 62								
	Cruise								
	1	2	3	4	5	6	7	8	9
0	36.17	36.24	36.02	36.27	36.31		36.04	36.13	36.13
10	36.26	36.27	36.03	36.26	36.37		35.97	36.13	36.17
20	36.20	36.29	36.07	36.26	36.34		35.98	36.14	36.15
30	36.20	36.32	36.06	36.27	36.35		36.05	36.17	36.12
50	36.23	36.43	36.06	36.29	36.36		36.18	36.20	36.11
75	36.45	36.44	36.11	36.50	36.38		36.26	36.25	36.18
Avg.	36.3	36.3	36.1	36.3	36.4		36.1	36.2	36.1
100	36.60	36.43	36.29	36.70	36.36		36.23	36.40	36.34
150	36.67	36.58	36.64	36.74	36.01		36.20	36.78	36.55
200	36.64	36.39	36.57	36.76	35.61		36.32	36.79	36.46
250	36.53	36.29	36.25	36.60	35.35		35.88	36.60	36.34
300	36.40	36.20	35.75	36.44	35.23		35.59	36.46	36.19
Avg.	36.6	36.4	36.3	36.6	35.7		36.0	36.6	36.4
400	36.10	36.14		36.13	35.13		35.33	36.02	35.84
500	35.75			35.76	35.08			35.46	35.45
600	35.34			35.45				35.26	
800									
1000									
Avg.	35.7	36.1		35.8	35.1		35.3	35.6	35.6

Table 1.--Salinities (‰), stations by cruise--Continued

Station 63									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0		36.36	36.04	36.21	36.29		35.97	36.08	36.09
10		36.38	36.04	36.18	36.20		35.88	36.21	36.08
20		36.36	36.04	36.18	36.21		35.97	36.26	36.09
30		36.35	36.06	36.18	36.28		35.97	36.27	36.12
50		36.37	36.18	36.18	36.36		36.19	36.31	36.14
75		36.40	36.36	36.39	36.35		36.52	36.41	36.15
Avg.		36.4	36.1	36.2	36.3		36.1	36.3	36.1
100		36.04	36.53	36.55	36.32		36.73	36.70	36.30
150		35.80	36.47	36.73	36.00		36.48	36.93	36.46
200			36.11	36.81	35.63		36.66	36.85	36.46
250			35.85	36.74	35.43		36.63	36.72	36.34
300			35.65	36.66	35.28		36.62	36.54	35.90
Avg.		35.9	36.1	36.7	35.7		36.6	36.7	36.3
400				36.47	35.12		36.33	35.87	35.27
500				36.16	35.08				
600				35.71	35.08				
800									
1000									
Avg.				36.1	35.1		36.3	35.9	35.3

Station 64									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0		36.24	35.84	36.25	36.31		36.18	36.20	
10		36.24	36.08	36.24	36.29		36.12	36.22	
20		36.40	36.09	36.26	36.26		36.11	36.22	
30		36.40	36.22	36.26	36.28		36.19	36.22	
50		36.40	36.37	36.26	36.32		36.39	36.26	
75			36.32	36.27	36.37		36.54	36.37	
Avg.		36.3	36.2	36.3	36.3		36.3	36.2	
100			36.25	36.36	36.40		36.47	36.50	
150			36.01	36.75	36.34		36.31	36.32	
200			35.70	36.56	35.75		36.15	35.94	
250			35.51	36.51					
300				36.02					
Avg.			35.9	36.4	36.2		36.3	36.3	
400									
500									
600									
800									
1000									
Avg.									

Table 1.--Salinities (‰), stations by cruise--Continued

Station 65									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0		35.59	36.08	36.11	36.33		36.14	36.31	36.33
10		35.64	36.09	36.09	36.31		36.15	36.32	36.32
20		36.08	36.10	36.09	36.33		36.09	36.40	36.33
30		36.42	36.32	36.11	36.29		36.28	36.47	36.26
50									
75									
Avg.		35.9	36.1	36.1	36.3		36.2	36.4	36.3
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Station 66									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0		34.36	35.70	36.18	36.38		36.02	36.48	36.43
10		34.85	35.90	36.20	36.36		35.94	36.45	36.35
20		36.19	36.28	36.18	35.88		36.20		36.38
30									
50									
75									
Avg.		35.1	36.0	36.2	36.2		36.1	36.5	36.4
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Table 1.--Salinities (‰), stations by cruise--Continued

Station 67									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0		34.22	35.62	35.59	34.88		35.57	36.21	36.43
10		35.71	35.68	35.62	35.25		35.41	36.24	36.38
20									
30									
50									
75									
Avg.		35.0	35.7	35.6	35.1		35.5	36.2	36.4
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Station 68									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0		34.76	35.69	35.23	36.13		35.57	36.24	36.33
10		34.76	35.70	35.23	36.08		35.66	36.26	36.33
20									
30									
50									
75									
Avg.		34.8	35.7	35.2	36.1		35.6	36.3	36.3
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Table 1.--Salinities (‰), stations by cruise--Continued

Station 69									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0	35.01	34.60	36.06	33.60	35.80		35.77	36.35	36.35
10	35.14	34.63	36.04	34.61	35.90		35.71	36.31	36.35
20									
30									
50									
75									
Avg.	35.1	34.6	36.1	34.1	35.9		35.7	36.3	36.3
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Station 70									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0	35.81	34.60	35.71	34.70	36.44		36.65	36.21	36.31
10	35.93	34.61	35.71	34.74	36.42		36.58	36.23	36.30
20	35.88	35.68	35.84	34.73	36.41		36.61	36.21	36.31
30									
50									
75									
Avg.	35.9	35.0	35.8	34.7	36.4		36.6	36.2	36.3
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Table 1.--Salinities (‰), stations by cruise--Continued

Depth (m.)	Station 71								
	Cruise								
	1	2	3	4	5	6	7	8	9
0	36.17	36.36	35.95		36.29		36.53	36.18	36.22
10	36.11	36.33	35.95		36.26		36.42	36.24	36.23
20	36.11	36.36	35.95		36.27		36.42	36.28	36.26
30	35.97	36.36	36.13		36.27		36.44	36.30	36.25
50		36.36	36.33		36.28		36.48	36.30	36.24
75		36.38	36.31		36.31		36.51	36.23	36.23
Avg.	36.1	36.4	36.1		36.3		36.5	36.3	36.2
100		36.42			36.35		36.53	36.08	36.22
150									
200									
250									
300									
Avg.		36.4			36.3		36.5	36.1	36.2
400									
500									
600									
800									
1000									
Avg.									

Depth (m.)	Station 72								
	Cruise								
	1	2	3	4	5	6	7	8	9
0	36.44	36.29	36.07				36.26	36.22	36.24
10	36.27	36.32	36.04				36.11	36.21	36.21
20	36.27	36.35	36.06				36.17	36.24	36.22
30	36.28	36.43	36.10				36.19	36.25	36.23
50	36.38	36.46	36.19				36.29	36.31	36.26
75	36.72	36.46	36.26				36.58	36.43	36.31
Avg.	36.4	36.4	36.1				36.3	36.3	36.2
100	36.82	36.43	36.39				36.68	36.58	36.33
150	36.48	36.06	36.54				36.45	36.82	36.26
200	36.07	35.84	36.21				36.28	36.46	36.27
250	35.94	35.73					36.23	35.91	36.16
300	35.82	35.62					36.05		35.84
Avg.	36.2	35.9	36.4				36.3	36.4	36.2
400	35.64	35.14					35.49		
500	35.53						35.17		
600									
800									
1000									
Avg.	35.6	35.1					35.3		

Table 1.--Salinities (‰), stations by cruise--Continued

Station 73

Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0		36.11					35.88	36.17	
10		36.10					35.85	36.30	
20		36.11					35.93	36.30	
30		36.16					35.98	36.29	
50		36.27					36.25	36.29	
75		36.43					36.48	36.33	
Avg.		36.2					36.1	36.3	
100		36.54					36.55	36.42	
150		36.65					36.58	36.59	
200		36.65					36.58	36.58	
250		36.56					36.55	36.26	
300		36.46					36.49	35.87	
Avg.		36.6					36.5	36.3	
400		36.18					36.41	35.45	
500							36.05	35.37	
600							35.76		
800							35.42		
1000									
Avg.		36.2					35.9	35.4	

Station 74

Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0	36.36	36.15					36.09	36.31	
10	36.30	36.13					36.20	36.35	
20	36.28	36.10					36.32	36.34	
30	36.29	36.16					36.38	36.32	
50	36.28	36.28					36.46	36.37	
75	36.27	36.44					36.44	36.49	
Avg.	36.3	36.2					36.3	36.4	
100	36.33	36.54					36.45	36.36	
150	36.22	36.53					36.62	36.08	
200		36.50					36.56	35.80	
250		36.37					36.39	35.64	
300		36.08					36.15	35.50	
Avg.	36.3	36.4					36.4	35.9	
400		35.52					35.77	35.22	
500		35.16					35.36	35.06	
600		35.08					35.11		
800		34.99							
1000		34.97							
Avg.		35.1					35.4	35.1	

Table 1.--Salinities (‰), stations by cruise--Continued

Station 75									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0	35.35	35.64	35.88	36.31	36.42			36.12	
10	35.35	35.61	35.90	36.29	36.42			36.09	
20	35.35	35.61	36.06	36.27	36.34			36.18	
30		36.02	36.27	36.24	36.34			36.18	
50									
75									
Avg.	35.3	35.7	36.0	36.3	36.4			36.1	
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Station 76									
Depth (m.)	Cruise								
	1	2	3	4	5	6	7	8	9
0			35.75	32.76	35.59		35.37		
10			35.83	32.75	35.99		35.70		
20									
30									
50									
75									
Avg.			35.8	32.8	35.8		35.5		
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Table 1.--Salinities (‰), stations by cruise--Continued

Depth (m.)	Station 77								
	Cruise								
	1	2	3	4	5	6	7	8	9
0	33.01	35.62	35.59	32.00	35.18		35.65	35.23	
10	33.86	35.62	35.84	32.00	35.17		35.99	35.22	
20			36.11		36.01		36.18	35.66	
30									
50									
75									
Avg.	33.4	35.6	35.8	32.0	35.5		35.9	35.4	
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Depth (m.)	Station 78								
	Cruise								
	1	2	3	4	5	6	7	8	9
0		35.07					35.73	35.68	
10		35.07					35.94	36.02	
20		35.12					36.10	36.02	
30									
50									
75									
Avg.		35.1					35.9	35.9	
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Table 1.--Salinities (‰), stations by cruise--Continued

Depth (m.)	Station 79								
	Cruise								
	1	2	3	4	5	6	7	8	9
0		36.27					35.86	36.02	
10		36.27					35.92	36.05	
20		36.16					35.86	36.07	
30		36.27					35.88	36.09	
50		36.35					36.03	36.09	
75		36.49					36.43	36.14	
Avg.		36.3					36.0	36.1	
100		36.49					36.62	36.28	
150		36.40					36.67	36.06	
200		36.11					36.62	35.78	
250		35.76					36.57	35.64	
300		35.45					36.53	35.33	
Avg.		36.0					36.6	35.8	
400							35.98		
500							35.37		
600							35.08		
800									
1000									
Avg.							35.5		

Depth (m.)	Station 80								
	Cruise								
	1	2	3	4	5	6	7	8	9
0		36.17					35.89	36.12	
10		36.15					36.02	36.13	
20		36.18					35.98	36.09	
30		36.19					36.12	36.12	
50		36.23					36.35	36.19	
75		36.33					36.54	36.34	
Avg.		36.2					36.1	36.2	
100		36.41					36.65	36.51	
150		36.52					36.68	36.80	
200		36.55					36.58	36.80	
250		36.54					36.54	36.74	
300		36.50					36.51	36.42	
Avg.		36.5					36.6	36.7	
400		36.32					36.47	35.90	
500		36.01					36.14		
600		35.61					35.74		
800		35.07					35.17		
1000		35.02					35.10		
Avg.		35.6					35.7	35.9	

Table 2.--Salinities (‰), by section, cruise 1

Depth (m.)	Jupiter Section			Vero Section		
	Stations			Stations		
	3	2	1	5	6	7
0	36.18	36.18	36.35	36.17	36.15	36.18
10	36.15	36.15	36.33	36.18	36.11	36.27
20		36.21	36.36	36.08	36.13	36.24
30		36.15	36.36	35.90	36.11	36.26
50		36.29	36.36		36.18	36.20
75		36.72	36.41		36.50	36.30
Avg.	36.2	36.3	36.4	36.1	36.2	36.2
100		36.80	36.47		36.60	36.39
150		36.51	36.72		36.36	36.58
200		36.29	36.80		36.09	36.60
250		36.06	36.62		35.79	36.41
300		35.76	36.47		35.50	36.24
Avg.		36.3	36.6		36.1	36.4
400		35.20	36.27			
500			35.84			
600						
Avg.		35.2	36.1			

Depth (m.)	Canaveral Section				Ponce de Leon Section			
	Stations				Stations			
	11	10	9	8	13	14	15	16
0	36.09			36.22				
10	36.17			36.18				
20				36.18				
30				36.18				
50				36.18				
75				36.27				
Avg.	36.1			36.2				
100				36.36				
150				36.56				
200				36.64				
250				36.48				
300				36.31				
Avg.				36.5				
400				35.93				
500				35.43				
600				35.12				
800								
Avg.				35.5				

Table 2.--Salinities (‰), by section, cruise 1--Continued

Depth (m.)	Matanzas Section					Jacksonville Section					
	Stations					Stations					
	21	20	19	18	17	23	24	25	26	27	28
0						34.94	36.17	36.11	36.20		
10						35.10	36.17	36.13	36.18		
20							36.26	36.13	36.17		
30								36.15	36.13		
50									35.97		
75									35.59		
Avg.						35.0	36.2	36.1	36.0		
100									35.30		
150									34.96		
200											
250											
300											
Avg.									35.1		
400											
500											
600											
Avg.											

Depth (m.)	Brunswick Section						Savannah Section				
	Stations						Stations				
	34	33	32	31	30	29	36	37	38	39	40
0	34.56	35.97	36.18				35.25	36.15	36.36	36.20	36.18
10	34.54	36.00	36.22				35.25	36.17	36.18	36.22	36.13
20		36.00	36.20					36.17	36.36	36.24	36.12
30			36.20					36.18	36.13	36.26	36.12
50										36.33	36.16
75										36.38	36.48
Avg.	34.5	36.0	36.2				35.3	36.2	36.3	36.3	36.2
100										36.35	36.72
150										36.24	36.70
200										35.92	
250										35.59	
300										35.32	
Avg.										35.9	36.7
400											
500											
600											
Avg.											

Table 2.--Salinities (‰), by section, cruise 1--Continued

Charleston Section

Depth (m.)	Stations				
	44	43	42	41	40
0	34.92	36.29	36.22	35.93	36.18
10	34.99	36.27	36.22	35.89	36.13
20		36.22	36.00	36.17	36.12
30			36.22	36.19	36.12
50			36.21	36.49	36.16
75			36.09	36.40	36.48
Avg.	35.0	36.3	36.2	36.2	36.2
100				36.31	36.72
150				36.66	36.70
200				36.65	
250				36.53	
300				36.46	
Avg.				36.5	36.7
400					
500					
600					
Avg.					

Cape Romain Section

Stations				
46	47	48	49	50
33.82	36.27	36.22	36.27	36.22
34.22	36.26	36.20	36.23	36.17
	36.26	36.18	36.14	36.17
		36.20	36.04	36.18
		36.15	35.95	36.21
		35.81	35.95	36.35
34.0	36.3	36.1	36.1	36.2
		35.62	35.94	36.50
		35.37	35.83	36.71
		35.30	35.52	36.63
			35.29	36.37
				36.09
		35.4	35.6	36.5
				35.70
				35.43
				35.6

Long Bay Section

Depth (m.)	Stations					
	56	55	54	53	52	51
0	34.13			36.20	36.11	36.24
10			36.13	36.18	36.11	36.32
20			36.11	36.15	36.09	36.30
30				36.11	35.94	36.28
50				36.08	35.72	36.29
75				35.84	35.61	36.42
Avg.	34.1		36.1	36.1	35.9	36.3
100				35.79	35.59	36.55
150				35.44	35.43	36.18
200					35.29	35.89
250					35.19	35.73
300						
Avg.				35.6	35.4	36.1
400						
500						
600						
Avg.						

Cape Fear Section

Stations				
58	59	60	61	62
34.18	36.17	35.99	36.06	36.17
34.61	36.20	35.97	36.06	36.26
	36.18	35.97	36.06	36.20
		35.99	36.02	36.20
		36.10	35.97	36.23
		36.22	35.97	36.45
34.4	36.2	36.0	36.0	36.3
		35.99	35.89	36.60
			35.57	36.67
			35.47	36.64
			35.26	36.53
				36.40
		36.0	35.5	36.6
				36.10
				35.75
				35.34
				35.7

Table 2.--Salinities (‰), by section, cruise 1--Continued

Depth (m.)	Onslow Bay Section					Cape Lookout Section			
	Stations					Stations			
	67	66	65	64	63	69	70	71	72
0						35.01	35.81	36.17	36.44
10						35.14	35.93	36.11	36.27
20							35.88	36.11	36.27
30								35.97	36.28
50									36.38
75									36.72
Avg.						35.1	35.9	36.1	36.4
100									36.82
150									36.48
200									36.07
250									35.94
300									35.82
Avg.									36.2
400									35.64
500									35.53
600									
Avg.									35.6

Depth (m.)	Raleigh Bay Section				Hatteras Section		
	Stations				Stations		
	76	75	74	73	78	79	80
0		35.35	36.36				
10		35.35	36.30				
20		35.35	36.28				
30			36.29				
50			36.28				
75			36.27				
Avg.		35.3	36.3				
100			36.33				
150			36.22				
200							
250							
300							
Avg.			36.3				
400							
500							
600							
800							
1000							
Avg.							

Table 3.--Salinities (‰), by section, cruise 2

Depth (m.)	Jupiter Section			Vero Section		
	Stations			Stations		
	3	2	1	5	6	7
0	36.26	36.25	36.10	36.30	36.18	36.13
10	36.30	36.23	36.06	36.26	36.12	36.12
20		36.27	36.07	36.12	36.09	36.09
30		36.31	36.06	36.08	36.09	36.09
50		36.34	36.07		36.13	36.08
75		36.32	36.16		36.28	36.26
Avg.	36.3	36.3	36.1	36.2	36.1	36.1
100		36.14	36.35		36.38	36.46
150		35.54	36.72		36.43	36.70
200			36.63		36.28	36.62
250			36.31		36.01	36.47
300			36.06			36.30
Avg.		35.8	36.4		36.3	36.5
400			35.53			35.84
500						
600						
Avg.			35.5			35.8

Depth (m.)	Canaveral Section				Ponce de Leon Section			
	Stations				Stations			
	11	10	9	8	13	14	15	16
0	36.27	36.29	36.12	36.07	36.22	36.35	36.08	36.08
10		36.26	36.10	36.06	36.24	36.33	36.09	36.08
20		36.11	36.13	36.10		36.31	36.08	36.04
30			36.13	36.10		36.29	36.06	36.25
50			36.21	36.07			36.06	36.54
75			36.36	36.36			36.23	36.62
Avg.	36.3	36.2	36.2	36.1	36.2	36.3	36.1	36.3
100			36.42	36.57			36.39	36.67
150			36.44	36.64			36.65	36.67
200			36.21	36.60			36.61	36.58
250				36.46			36.54	36.51
300				36.27			36.45	36.44
Avg.			36.4	36.5			36.5	36.6
400				35.88			36.15	36.27
500				35.49			35.77	35.86
600				35.14			35.32	35.47
800								
Avg.				35.5			35.7	35.9

Table 3.--Salinities (‰), by section, cruise 2--Continued

Depth (m.)	Matanzas Section					Jacksonville Section					
	Stations					Stations					
	21	20	19	18	17	23	24	25	26	27	28
0	35.97	36.36	36.33	36.12	36.13	35.58	36.13	36.36	36.35	36.15	36.21
10	35.95	36.36	36.34	36.10	36.09	35.62	36.13	36.30	36.33	36.13	36.20
20		36.29	36.27	36.13	36.13		36.22	36.24	36.33	36.13	36.20
30			36.19	36.20	36.20				36.36	36.13	36.20
50				36.35	36.43				36.35	36.40	36.37
75				36.43	36.67				36.17	36.62	36.61
Avg.	36.0	36.3	36.3	36.2	36.3	35.6	36.2	36.3	36.3	36.3	36.3
100				36.40	36.68				35.81	36.68	36.62
150				36.40	36.63					36.58	36.67
200					36.60					36.32	36.66
250					36.55					36.04	36.62
300					36.47						36.54
Avg.				36.4	36.6				35.8	36.4	36.6
400					36.10						36.28
500					35.62						35.91
600					35.20						
Avg.					35.6						36.1

Depth (m.)	Brunswick Section						Savannah Section					
	Stations						Stations					
	34	33	32	31	30	29	36	37	38	39	40	
0	34.70	35.17	36.10	36.37	36.26	36.21	34.61	34.63	35.70	36.36	36.13	
10	34.75	35.37	36.13	36.40	36.27	36.19	34.69	34.69	35.71	36.36	36.13	
20			36.22	36.39	36.30	36.20			35.89	36.36	36.13	
30			36.22	36.40	36.37	36.21			36.15	36.35	36.13	
50					36.60	36.38				36.26	36.19	
75					36.71	36.56				36.02	36.34	
Avg.	34.7	35.3	36.2	36.4	36.4	36.3	34.7	34.7	35.9	36.3	36.2	
100					36.57	36.63				35.84	36.48	
150					36.37	36.74				35.69	36.60	
200					36.22	36.72				35.41	36.59	
250					35.95	36.64					36.53	
300					35.64	36.50					36.47	
Avg.					36.1	36.6				35.6	36.5	
400						36.02					36.11	
500						35.30						
600												
Avg.						35.7					36.1	

Table 3.--Salinities (‰), by section, cruise 2--Continued

Charleston Section						Cape Romain Section				
Depth (m.)	Stations					Stations				
	44	43	42	41	40	46	47	48	49	50
0	33.58		34.85	36.18	36.13	33.91	34.56	36.26	36.11	
10	34.36		34.81	36.17	36.13		34.78	36.27	36.15	
20		36.14	35.02	36.13	36.13		35.99	36.34	36.19	
30			35.61	36.11	36.13			36.35	36.24	
50			36.07	36.24	36.19			36.35	36.22	
75			35.96	36.45	36.34			36.28	36.06	
Avg.	34.0	36.1	35.4	36.2	36.2	33.9	35.1	36.3	36.2	
100			35.68	36.67	36.48			36.17	35.91	
150				36.59	36.60			35.80	35.59	
200				36.10	36.59			35.35	35.21	
250					36.53			35.08	34.97	
300					36.47			34.96		
Avg.			35.7	36.5	36.5			35.5	35.4	
400					36.11					
500										
600										
Avg.					36.1					

Long Bay Section						Cape Fear Section					
Depth (m.)	Stations						Stations				
	56	55	54	53	52	51	58	59	60	61	62
0	33.49	33.77	34.25	36.35			33.76	35.10	35.65	36.20	36.24
10		35.70	35.93	36.35			35.29	35.32	35.80	36.18	36.27
20			36.15	36.34					36.15	36.18	36.29
30				36.38					36.24	36.14	36.32
50				36.43					36.34	35.99	36.43
75				36.41					36.31	35.66	36.44
Avg.	33.5	34.7	35.4	36.4			34.5	35.2	36.1	36.1	36.3
100				36.36					36.11	35.39	36.43
150				35.95					35.84	35.21	36.58
200									35.64	35.15	36.39
250										35.07	36.29
300										35.01	36.20
Avg.				36.2					35.9	35.2	36.4
400										34.99	36.14
500											
600											
Avg.										35.0	36.1

Table 3.--Salinities (‰), by section, cruise 2--Continued

Depth (m.)	Onslow Bay Section					Cape Lookout Section			
	Stations					Stations			
	67	66	65	64	63	69	70	71	72
0	34.22	34.36	35.59	36.24	36.36	34.60	34.60	36.36	36.29
10	35.71	34.85	35.64	36.24	36.38	34.63	34.61	36.33	36.32
20		36.19	36.08	36.40	36.36		35.68	36.36	36.35
30			36.42	36.40	36.35			36.36	36.43
50				36.40	36.37			36.36	36.46
75					36.40			36.38	36.46
Avg.	35.0	35.1	35.9	36.3	36.4	34.6	35.0	36.4	36.4
100					36.04			36.42	36.43
150					35.80				36.06
200									35.84
250									35.73
300									35.62
Avg.					35.9			36.4	35.9
400									35.14
500									
600									
Avg.									35.1

Depth (m.)	Raleigh Bay Section				Hatteras Section		
	Stations				Stations		
	76	75	74	73	78	79	80
0		35.64	36.15	36.11	35.07	36.27	36.17
10		35.61	36.13	36.10	35.07	36.27	36.15
20		35.61	36.10	36.11	35.12	36.16	36.18
30		36.02	36.16	36.16		36.27	36.19
50			36.28	36.27		36.35	36.23
75			36.44	36.43		36.49	36.33
Avg.		35.7	36.2	36.2	35.1	36.3	36.2
100			36.54	36.54		36.49	36.41
150			36.53	36.65		36.40	36.52
200			36.50	36.65		36.11	36.55
250			36.37	36.56		35.76	36.54
300			36.08	36.46		35.45	36.50
Avg.			36.4	36.6		36.0	36.5
400			35.52	36.18			36.32
500			35.16				36.01
600			35.08				35.61
800			34.99				35.07
1000			34.97				35.02
Avg.			35.1	36.2			35.6

Table 4.--Salinities (‰), by section, cruise 3

Depth (m.)	Jupiter Section			Vero Section		
	Stations			Stations		
	3	2	1	5	6	7
0	35.73	35.88	35.97	35.99	35.84	35.97
10	35.75	35.88	35.93	36.25	35.84	35.99
20		35.88	35.95	36.25	35.87	35.97
30		35.90	35.96	36.22	35.89	35.98
50		35.97	35.98		35.98	36.00
75		36.23	36.19		36.13	36.21
Avg.	35.7	36.0	36.0	36.2	35.9	36.0
100		36.44	36.36		36.32	36.42
150		36.59	36.61		36.64	36.64
200		36.32	36.63		36.43	36.64
250		35.85	36.53		36.07	36.51
300			36.45		35.61	36.44
Avg.		36.3	36.5		36.2	36.5
400			36.21			36.27
500						35.66
600						
Avg.			36.2			36.0

Depth (m.)	Canaveral Section				Ponce de Leon Section			
	Stations				Stations			
	11	10	9	8	13	14	15	16
0	36.13	36.09	35.93	35.94	35.97	36.04	35.84	35.95
10		36.12	35.91	35.95	36.01	36.02	35.88	35.93
20		36.11	35.91	35.96		36.08	35.91	35.94
30			35.91	35.99		36.22	35.95	35.95
50			35.92	36.03		36.35	35.99	35.99
75			36.07	36.05			36.01	36.08
Avg.	36.1	36.1	35.9	36.0	36.0	36.1	35.9	36.0
100			36.37	36.13			36.11	36.18
150			36.14	36.59			36.51	36.51
200				36.66			36.60	36.65
250				36.59			36.33	36.53
300				36.36			35.81	36.40
Avg.			36.3	36.5			36.3	36.5
400				35.97			35.32	36.15
500				35.57				35.81
600				35.21				35.26
800								34.95
Avg.				35.6			35.3	35.5

Table 4.--Salinities (‰), by section, cruise 3--Continued

Depth (m.)	Matanzas Section					Jacksonville Section					
	Stations					Stations					
	21	20	19	18	17	23	24	25	26	27	28
0	35.73	36.00	36.02	35.91	35.93	35.48	35.89	35.91	35.95	35.88	35.90
10	35.91	36.02	36.02	35.90	35.89	35.75	35.86	35.90	35.95	35.87	35.90
20		36.02	36.02	35.91	35.87		35.91	36.06	36.00	35.86	35.90
30			36.26	35.95	35.94				36.03	35.91	35.91
50				36.04	36.02				36.07	35.97	35.97
75				36.17	36.04				36.06	36.08	36.15
Avg.	35.8	36.0	36.1	36.0	35.9	35.6	35.9	36.0	36.0	35.9	36.0
100				36.32	36.17				36.04	36.36	36.29
150				36.34	36.55					36.61	36.44
200				35.80	36.60					36.37	36.53
250					36.50					36.13	36.55
300					36.39					35.90	36.56
Avg.				36.2	36.4				36.0	36.3	36.5
400					36.22						36.22
500					35.60						35.95
600					35.17						35.73
Avg.					35.7						36.0

Depth (m.)	Brunswick Section						Savannah Section				
	Stations						Stations				
	34	33	32	31	30	29	36	37	38	39	40
0	35.44	35.91	35.61	35.95	35.82	35.75	34.87	35.68	35.86	36.04	35.95
10	35.43	35.91	35.61	35.90	35.89	35.81	35.16	35.64	35.86	36.06	35.95
20			35.80	35.99	35.85	35.84		35.77	36.10	36.06	35.93
30			35.79	36.08	35.88	35.86			36.20	36.06	35.96
50					36.02	35.96				36.05	36.02
75					36.36	36.25				35.87	36.13
Avg.	35.4	35.9	35.7	36.0	36.0	35.9	35.0	35.7	36.0	36.0	36.0
100					36.54	36.44				35.71	36.26
150					36.56	36.49				35.39	36.60
200					36.41	36.51				35.11	36.58
250					36.21	36.50				34.99	36.53
300					35.88	36.42				34.94	36.44
Avg.					36.3	36.5				35.2	36.5
400					35.39	36.08					36.14
500						35.56					35.86
600						35.10					
Avg.					35.4	35.6					36.0

Table 4.--Salinities (‰), by section, cruise 3--Continued

Charleston Section						Cape Romain Section				
Depth (m.)	Stations					Stations				
	44	43	42	41	40	46	47	48	49	50
0	34.97	35.10	36.02	35.93	35.95	35.05	35.73	36.04	36.06	35.99
10	34.96	35.35	36.02	35.90	35.95		35.39	36.02	36.04	35.99
20		35.84	36.17	35.93	35.93		35.37	36.04	36.04	35.99
30			36.20	35.97	35.96			36.11	36.04	35.95
50			36.20	36.00	36.02			36.17	36.10	35.94
75			35.99	36.28	36.13			36.04	36.17	36.03
Avg.	35.0	35.4	36.1	36.0	36.0	35.1	35.5	36.1	36.1	36.0
100			35.75	36.56	36.26			35.86	36.17	36.24
150				36.24	36.60			35.39	35.77	36.64
200				35.94	36.58					36.59
250				35.55	36.53					36.41
300				35.21	36.44					36.27
Avg.			35.7	35.9	36.5			35.6	36.0	36.4
400					36.14					36.01
500					35.86					35.55
600										
Avg.					36.0					35.8

Long Bay Section						Cape Fear Section					
Depth (m.)	Stations						Stations				
	56	55	54	53	52	51	58	59	60	61	62
0	34.74	35.33	35.55	35.43	36.04	36.01	35.62	35.61	35.94	35.68	36.02
10		35.48	35.59	35.44	36.04	36.00	35.61	35.61	35.95	35.69	36.03
20			36.15	35.91	36.11	35.97			35.95	35.87	36.07
30				36.09	36.18	35.95			36.05	36.09	36.06
50				36.28	36.19	35.97			36.18	36.21	36.06
75				36.18		36.06			36.18	36.20	36.11
Avg.	34.7	35.4	35.8	35.9	36.1	36.0	35.6	35.6	36.0	36.0	36.1
100				36.07		36.21			36.14	36.07	36.29
150						36.63			35.69	35.57	36.64
200						36.64				35.43	36.57
250						36.65				35.29	36.25
300						36.60					35.75
Avg.				36.1		36.5			35.9	35.6	36.3
400											
500											
600											
Avg.											

Table 4.--Salinities (‰), by section, cruise 3--Continued

Depth (m.)	Onslow Bay Section					Cape Lookout Section			
	Stations					Stations			
	67	66	65	64	63	69	70	71	72
0	35.62	35.70	36.08	35.84	36.04	36.06	35.71	35.95	36.07
10	35.68	35.90	36.09	36.08	36.04	36.04	35.71	35.95	36.04
20		36.28	36.10	36.09	36.04		35.84	35.95	36.06
30			36.32	36.22	36.06			36.13	36.10
50				36.37	36.18			36.33	36.19
75				36.32	36.36			36.31	36.26
Avg.	35.7	36.0	36.1	36.2	36.1	36.1	35.8	36.1	36.1
100				36.25	36.53				36.39
150				36.01	36.47				36.54
200				35.70	36.11				36.21
250				35.51	35.85				
300					35.65				
Avg.				35.9	36.1				36.4
400									
500									
600									
Avg.									

Depth (m.)	Raleigh Bay Section				Hatteras Section		
	Stations				Stations		
	76	75	74	73	78	79	80
0	35.75	35.88					
10	35.83	35.90					
20		36.06					
30		36.27					
50							
75							
Avg.	35.8	36.0					
100							
150							
200							
250							
300							
Avg.							
400							
500							
600							
800							
1000							
Avg.							

Table 5.--Salinities (‰), by section, cruise 4

Depth (m.)	Jupiter Section			Vero Section		
	Stations			Stations		
	3	2	1	5	6	7
0	32.65	35.89	35.93	34.47	35.91	35.97
10	34.54	35.91	35.97	34.75	35.91	35.99
20		35.89	35.93	35.26	35.90	35.99
30		35.90	35.92	35.55	35.91	36.04
50		35.97	35.91		36.03	36.15
75		36.29	36.32		36.23	36.32
Avg.	33.6	36.0	36.0	35.0	36.0	36.1
100		36.48	36.64		36.41	36.47
150		36.50	36.74		36.73	36.71
200		36.28	36.64		36.52	36.74
250		36.02	36.45		36.35	36.58
300		35.76	36.34		36.16	36.49
Avg.		36.2	36.6		36.4	36.6
400		35.27	35.93		35.58	36.10
500						35.79
600						
Avg.		35.3	35.9		35.6	35.9

Depth (m.)	Canaveral Section				Ponce de Leon Section			
	Stations				Stations			
	11	10	9	8	13	14	15	16
0	30.67	33.52	35.90	35.92	31.27	34.47	35.89	36.04
10		33.64	35.88	35.90	34.21	34.46	35.88	36.04
20		33.89	35.91	35.90		34.87	35.87	36.05
30		34.96	35.91	35.91		35.08	35.87	36.04
50			35.92	35.92		35.37	35.89	36.04
75			36.07	36.05			36.05	36.05
Avg.	30.7	34.0	35.9	35.9	32.7	34.9	35.9	36.0
100			36.30	36.28			36.24	36.11
150			36.64	36.65			36.56	36.57
200			36.37	36.64			36.51	36.62
250			35.69	36.50			36.29	36.49
300				36.38			36.07	36.36
Avg.			36.3	36.5			36.3	36.4
400				36.01			35.63	36.11
500				35.41			35.28	35.81
600				34.99			35.07	35.46
800								
Avg.				35.5			35.3	35.8

Table 5.--Salinities (‰), by section, cruise 4--Continued

Depth (m.)	Matanzas Section					Jacksonville Section					
	Stations					Stations					
	21	20	19	18	17	23	24	25	26	27	28
0	31.12	35.39	35.58	35.94			35.41	35.94	35.80	35.89	35.97
10	34.31	35.39	35.56	35.92			35.42	35.97	35.83	35.87	35.96
20		35.35	35.67	35.91			35.39	35.94	35.82	35.89	36.00
30			35.77	35.91					35.81	35.88	36.04
50				36.00					35.84	35.93	36.16
75				36.31					35.96	36.13	36.42
Avg.	32.7	35.4	35.6	36.0			35.4	35.9	35.8	35.9	36.1
100				36.49					36.11	36.59	36.60
150				36.50					36.13	36.62	36.70
200				36.25						36.54	36.60
250				35.98						36.43	36.54
300				35.72						36.25	36.48
Avg.				36.2					36.1	36.5	36.6
400				35.33						35.81	36.40
500										35.41	36.18
600											35.72
Avg.				35.3						35.6	36.1

Depth (m.)	Brunswick Section						Savannah Section				
	Stations						Stations				
	34	33	32	31	30	29	36	37	38	39	40
0	34.34	35.37	36.00	36.13	36.15	36.00	36.13	36.22	36.20	36.18	36.29
10	34.51	35.34	36.03	36.13	36.15	36.02	36.10	36.18	36.18	36.20	36.28
20			36.15	36.13	36.13	36.05		36.17	36.21	36.20	36.32
30			36.18	36.14	36.14	36.06			36.18	36.19	36.33
50					36.15	36.12				36.20	36.38
75					36.54	36.41				36.33	36.50
Avg.	34.4	35.4	36.1	36.1	36.2	36.1	36.1	36.2	36.2	36.2	36.3
100					36.92	36.68				36.65	36.65
150					36.87	36.64				36.60	36.88
200					36.73	36.61				36.35	36.92
250					36.62	36.55				36.14	36.92
300					36.44	36.50				35.95	36.83
Avg.					36.7	36.6				36.3	36.8
400					35.91	36.33				35.57	
500					35.39	36.02					
600						35.66					
Avg.					35.7	36.0				35.6	

Table 5.--Salinities (‰), by section, cruise 4--Continued

Charleston Section						Cape Romain Section					
Depth (m.)	Stations					Stations					
	44	43	42	41	40	46	47	48	49	50	
0	36.06	36.18	36.17	36.26	36.29	35.80	36.32	36.18	36.13	36.35	
10	36.04	36.25	36.16	36.26	36.28	35.82	36.30	36.14	36.11	36.28	
20		36.24	36.17	36.27	36.32		36.29	36.15	36.12	36.31	
30		36.22	36.16	36.26	36.33			36.15	36.13	36.27	
50			36.16	36.26	36.38			36.18	36.17	36.27	
75			36.20	36.35	36.50			36.33	36.40	36.59	
Avg.	36.1	36.2	36.2	36.3	36.3	35.8	36.3	36.2	36.2	36.3	
100			36.26	36.62	36.65			36.40	36.63	36.79	
150				36.97	36.88			36.33	36.64	36.85	
200				36.73	36.92				36.28	36.96	
250				36.29	36.92				36.07	36.75	
300				35.97	36.83				35.94	36.47	
Avg.			36.3	36.5	36.8			36.4	36.3	36.8	
400										36.21	
500										36.05	
600										35.62	
Avg.										36.0	

Long Bay Section						Cape Fear Section					
Depth (m.)	Stations						Stations				
	56	55	54	53	52	51	58	59	60	61	62
0	35.79	36.03	36.14	36.09	36.13	36.22	36.16	36.26	36.18	36.29	36.27
10		36.02	36.14	36.09	36.10	36.19	36.17	36.26	36.17	36.27	36.26
20			36.15	36.09	36.11	36.22			36.18	36.26	36.26
30				36.10	36.10	36.24			36.20	36.28	36.27
50				36.12	36.09	36.33			36.26	36.36	36.29
75				36.26	36.40	36.54			36.38	36.61	36.50
Avg.	35.8	36.0	36.1	36.1	36.2	36.3	36.2	36.3	36.2	36.3	36.3
100				36.51	36.62	36.65			36.50	36.78	36.70
150				36.49	36.38	36.64			36.67	36.85	36.74
200					36.05	36.59				36.47	36.76
250					35.81	36.35				36.28	36.60
300					35.72	36.14				36.08	36.44
Avg.				36.5	36.1	36.5			36.6	36.5	36.6
400						35.74				35.63	36.13
500						35.30					35.76
600											35.45
Avg.						35.5				35.6	35.8

Table 5.--Salinities (‰), by section, cruise 4--Continued

Depth (m.)	Onslow Bay Section					Cape Lookout Section			
	Stations					Stations			
	67	66	65	64	63	69	70	71	72
0	35.59	36.18	36.11	36.25	36.21	33.60	34.70		
10	35.62	36.20	36.09	36.24	36.18	34.61	34.74		
20		36.18	36.09	36.26	36.18		34.73		
30			36.11	36.26	36.18				
50				36.26	36.18				
75				36.27	36.39				
Avg.	35.6	36.2	36.1	36.3	36.2	34.1	34.7		
100				36.36	36.55				
150				36.75	36.73				
200				36.56	36.81				
250				36.51	36.74				
300				36.02	36.66				
Avg.				36.4	36.7				
400					36.47				
500					36.16				
600					35.71				
Avg.					36.1				

Depth (m.)	Raleigh Bay Section				Hatteras Section		
	Stations				Stations		
	76	75	74	73	78	79	80
0	32.76	36.31					
10	32.75	36.29					
20		36.27					
30		36.24					
50							
75							
Avg.	32.8	36.3					
100							
150							
200							
250							
300							
Avg.							
400							
500							
600							
800							
1000							
Avg.							

Table 6.--Salinities (‰), by section, cruise 5

Depth (m.)	Jupiter Section			Vero Section		
	Stations			Stations		
	3	2	1	5	6	7
0	36.13	36.18	36.20	36.34	36.22	36.24
10		36.19	36.20	36.32	36.22	36.22
20		36.23	36.18	36.31	36.22	36.25
30		36.23	36.21	36.29	36.21	36.25
50		36.24	36.24		36.20	36.25
75		36.30	36.21		36.22	36.27
Avg.	36.1	36.2	36.2	36.3	36.2	36.2
100		36.40	36.18		36.29	36.34
150		36.59	36.74		36.56	36.70
200		36.25	36.70		36.47	36.75
250		36.08	36.63		36.29	36.65
300		35.84	36.55		36.07	36.53
Avg.		36.2	36.6		36.3	36.6
400		35.30	36.08		35.52	36.20
500			35.82			
600						
Avg.		35.3	35.9		35.5	36.2

Depth (m.)	Canaveral Section				Ponce de Leon Section			
	Stations				Stations			
	11	10	9	8	13	14	15	16
0	35.01	36.26		36.22	35.05	36.18	36.10	36.40
10		36.22		36.22	35.00	36.18	36.11	36.40
20		36.22		36.20		36.17	36.15	36.41
30				36.20		36.18	36.19	36.47
50				36.21		36.27	36.27	36.55
75				36.35			36.41	36.55
Avg.	35.0	36.2		36.2	35.0	36.2	36.2	36.5
100				36.46			36.53	36.56
150				36.60			36.70	36.66
200				36.65			36.64	36.74
250				36.60			36.53	36.66
300				36.55			36.36	36.59
Avg.				36.6			36.6	36.6
400				36.32			35.82	36.48
500				35.71			35.35	36.23
600				35.24			34.94	
800								
Avg.				35.8			35.4	36.4

Table 6.--Salinities (‰), by section, cruise 5--Continued

Depth (m.)	Matanzas Section					Jacksonville Section					
	Stations					Stations					
	21	20	19	18	17	23	24	25	26	27	28
0	33.26	35.40	36.25	36.17	36.42	32.43	35.04	36.31	36.23		36.39
10	33.38	35.40	36.26	36.15	36.44	33.03	35.17	36.31	36.24		36.38
20		35.56	36.26	36.15	36.43			36.32	36.23		36.36
30			36.26	36.15	36.50				36.18		36.37
50				36.19	36.59				36.16		36.38
75				36.32	36.56				36.29		36.39
Avg.	33.3	35.5	36.3	36.2	36.5	32.7	35.1	36.3	36.2		36.4
100				36.47	36.53				36.33		36.40
150				36.54	36.58						36.58
200				36.28	36.74						36.65
250				35.99	36.73						36.64
300				35.63	36.68						36.62
Avg.				36.2	36.7				36.3		36.6
400				35.12	36.33						36.38
500					36.05						
600					35.66						
Avg.				35.1	36.0						36.4

Depth (m.)	Brunswick Section						Savannah Section				
	Stations						Stations				
	34	33	32	31	30	29	36	37	38	39	40
0	32.84	35.62					35.11	35.59	36.38	36.12	36.36
10	32.81	35.59					35.14	35.57	36.39	36.14	36.31
20								35.55	36.39	36.15	36.28
30									36.36	36.19	36.30
50										36.25	36.29
75										36.30	36.27
Avg.	32.8	35.6					35.1	35.6	36.4	36.2	36.3
100											36.33
150											36.38
200											36.44
250											36.51
300											36.37
Avg.											36.4
400											35.64
500											
600											
Avg.											35.6

Table 6.--Salinities (‰), by section, cruise 5--Continued

Charleston Section						Cape Romain Section				
Depth (m.)	Stations					Stations				
	44	43	42	41	40	46	47	48	49	50
0	35.55	36.31	36.26		36.36	34.05	36.32	36.36	36.19	36.08
10	35.71	36.29	36.18	36.14	36.31		36.31	36.36	36.20	36.08
20		36.26	36.26	36.16	36.28		36.29	36.34	36.18	36.07
30			36.30	36.17	36.30			36.34	36.22	36.06
50			36.33	36.16	36.29			36.33	36.30	36.11
75			36.29	36.30	36.27			36.33	36.38	36.23
Avg.	35.6	36.3	36.3	36.2	36.3	34.1	36.3	36.3	36.2	36.1
100				36.33	36.33			36.33	36.43	36.28
150				36.11	36.38			36.15	36.32	36.33
200				35.78	36.44				36.11	36.30
250				35.55	36.51				35.83	36.21
300				35.40	36.37					36.06
Avg.				35.8	36.4			36.2	36.2	36.2
400				35.26	35.64					35.54
500										
600										
Avg.				35.3	35.6					35.5

Long Bay Section						Cape Fear Section					
Depth (m.)	Stations						Stations				
	56	55	54	53	52	51	58	59	60	61	62
0	34.75	35.48	36.36	36.38	36.36	36.30	36.15	36.42		36.36	36.31
10		35.69	36.37	36.36	36.36	36.30	36.13	36.43		36.35	36.37
20			36.16	36.36	36.34	36.31		36.42		36.35	36.34
30				36.39	36.38	36.32				36.36	36.35
50				36.44	36.43	36.36				36.36	36.36
75				36.43	36.44	36.41				36.36	36.38
Avg.	34.7	35.6	36.3	36.4	36.4	36.3	36.1	36.4		36.4	36.4
100				36.42	36.45	36.41				36.30	36.36
150				36.17	36.21	35.92				35.88	36.01
200					35.65	35.63				35.57	35.61
250					35.46	35.42				35.34	35.35
300					35.34	35.25				35.19	35.23
Avg.				36.3	35.8	35.7				35.7	35.7
400											35.13
500											35.08
600											
Avg.											35.1

Table 6.--Salinities (‰), by section, cruise 5--Continued

Depth (m.)	Onslow Bay Section					Cape Lookout Section			
	Stations					Stations			
	67	66	65	64	63	69	70	71	72
0	34.88	36.38	36.33	36.31	36.29	35.80	36.44	36.29	
10	35.25	36.36	36.31	36.29	36.20	35.90	36.42	36.26	
20		35.88	36.33	36.26	36.21		36.41	36.27	
30			36.29	36.28	36.28			36.27	
50				36.32	36.36			36.28	
75				36.37	36.35			36.31	
Avg.	35.1	36.2	36.3	36.3	36.3	35.9	36.4	36.3	
100				36.40	36.32			36.35	
150				36.34	36.00				
200				35.75	35.63				
250					35.43				
300					35.28				
Avg.				36.2	35.7			36.3	
400					35.12				
500					35.08				
600					35.08				
Avg.					35.1				

Depth (m.)	Raleigh Bay Section				Hatteras Section		
	Stations				Stations		
	76	75	74	73	78	79	80
0	35.59	36.42					
10	35.99	36.42					
20		36.34					
30		36.34					
50							
75							
Avg.	35.8	36.4					
100							
150							
200							
250							
300							
Avg.							
400							
500							
600							
800							
1000							
Avg.							

Table 7.--Salinities (‰), by section, cruise 6

Depth (m.)	Jupiter Section			Vero Section		
	Stations			Stations		
	3	2	1	5	6	7
0	35.79	36.06	36.00	36.01	36.01	35.99
10	35.77	36.06	36.00	36.18	36.00	35.99
20		36.00	36.00	36.30	36.00	35.99
30		36.00	36.00	36.20	36.00	35.98
50		36.03	36.00		36.09	35.97
75		36.15	36.02		36.24	35.98
Avg.	35.8	36.1	36.0	36.2	36.1	36.0
100		36.30	36.15		36.27	36.10
150		36.72	36.71		36.33	36.66
200		36.32	36.67		36.32	36.69
250		36.05	36.54			36.53
300		35.81	36.41			36.36
Avg.		36.2	36.5		36.3	36.5
400		35.39	36.14			36.00
500		35.14	35.82			
600			35.43			
Avg.		35.3	35.8			36.0

Depth (m.)	Canaveral Section				Ponce de Leon Section			
	Stations				Stations			
	11	10	9	8	13	14	15	16
0	35.84	36.17	36.09	35.99	35.68	36.16	36.06	36.09
10		36.17	36.07	35.99	35.76	36.15	36.06	36.08
20		36.22	36.06	35.99		36.25	36.09	36.07
30		36.34	36.06	36.00		36.33	36.09	36.07
50			36.07	36.03		36.33	36.09	36.08
75			36.27	36.06			36.14	36.10
Avg.	35.8	36.2	36.1	36.0	35.7	36.2	36.1	36.1
100			36.46	36.13			36.32	36.21
150			36.46	36.57			36.55	36.66
200			36.39	36.73			36.39	36.76
250			35.90	36.56			36.29	36.72
300				36.27			36.06	36.61
Avg.			36.3	36.5			36.3	36.6
400				35.79			35.46	36.20
500				35.34			35.11	35.71
600				35.07				35.32
800								
Avg.				35.4			35.3	35.7

Table 7.--Salinities (‰), by section, cruise 6--Continued

	Matanzas Section					Jacksonville Section					
Depth (m.)	Stations					Stations					
	21	20	19	18	17	23	24	25	26	27	28
0					36.11						
10					36.11						
20					36.11						
30					36.12						
50					36.16						
75					36.22						
Avg.					36.1						
100					36.38						
150					36.71						
200					36.77						
250					36.67						
300					36.52						
Avg.					36.6						
400					36.19						
500					35.94						
600					35.60						
Avg.					35.9						

	Brunswick Section					Savannah Section					
Depth (m.)	Stations					Stations					
	34	33	32	31	30	29	36	37	38	39	40
0											
10											
20											
30											
50											
75											
Avg.											
100											
150											
200											
250											
300											
Avg.											
400											
500											
600											
Avg.											

Table 8.--Salinities (‰), by section, cruise 7

Depth (m.)	Jupiter Section			Vero Section		
	Stations			Stations		
	3	2	1	5	6	7
0	33.97	35.66	36.02	35.54	35.93	35.85
10	35.29	35.89	36.08	35.98	36.08	35.82
20		36.13	36.03	36.36	36.12	35.96
30		36.22	36.02		36.17	35.96
50		36.34	36.00		36.26	36.02
75		36.36	36.32		36.37	36.37
Avg.	34.6	36.1	36.1	36.0	36.2	36.0
100		36.38	36.55		36.46	36.58
150		36.43	36.78		36.56	36.70
200		36.25	36.63		36.30	36.69
250		35.94	36.59		36.14	36.58
300		35.63	36.47		35.92	36.45
Avg.		36.1	36.6		36.3	36.6
400		35.04	36.01			36.11
500			35.68			
600						
Avg.		35.0	35.8			36.1

Depth (m.)	Canaveral Section				Ponce de Leon Section			
	Stations				Stations			
	11	10	9	8	13	14	15	16
0	36.07	35.86	35.99	35.82	36.06	36.11	35.70	36.27
10		36.08	35.98	35.79	36.00	36.15	35.70	36.13
20		36.19	35.95	35.82		36.12	35.71	36.09
30			35.97	35.88		36.11	35.76	36.09
50			36.11	36.02		36.11	35.95	36.09
75			36.35	36.29			36.25	36.39
Avg.	36.1	36.0	36.1	35.9	36.0	36.1	35.8	36.2
100			36.45	36.50			36.54	36.60
150			36.59	36.73			36.72	36.74
200			36.55	36.71			36.63	36.77
250			36.28	36.60			36.41	36.66
300			35.80	36.51			35.98	36.56
Avg.			36.3	36.6			36.5	36.7
400				36.25			35.32	36.36
500				35.58			34.99	35.84
600				35.16				35.44
800								
Avg.				35.7			35.2	35.9

Table 8.--Salinities (‰), by section, cruise 7--Continued

Depth (m.)	Matanzas Section					Jacksonville Section					
	Stations					Stations					
	21	20	19	18	17	23	24	25	26	27	28
0	35.46	35.91	36.11	35.95	35.96	35.11	35.52	36.02	35.99	35.89	36.01
10	35.54	35.93	36.13	35.95	35.96	35.21	35.55	36.05	35.92	35.91	36.09
20		35.96	36.11	36.00	36.07			36.06	36.03	36.01	36.07
30			36.11	36.00	36.07				36.14	36.05	36.06
50				36.09	36.08				36.32	36.15	36.11
75				36.27	36.17				36.47	36.31	36.27
Avg.	35.5	35.9	36.1	36.0	36.1	35.2	35.5	36.0	36.1	36.1	36.1
100				36.43	36.30				36.06	36.43	36.46
150				36.44	36.67					36.58	36.57
200				36.24	36.76					36.52	36.49
250				35.93	36.68					36.29	36.40
300				35.59	36.52					35.92	36.31
Avg.				36.1	36.6				36.1	36.3	36.4
400					36.00						36.08
500					35.73						35.82
600					35.47						
Avg.					35.7						35.9

Depth (m.)	Brunswick Section						Savannah Section				
	Stations						Stations				
	34	33	32	31	30	29	36	37	38	39	40
0	34.78	35.02	35.79	36.04	36.10	35.78	34.20	35.40	36.17	35.78	35.93
10	34.78	35.10	35.68	35.97	36.07	35.77	34.42	35.57	36.08	35.79	35.88
20			35.93	36.02	36.03	35.77		35.73	36.08	35.94	35.92
30			36.04	36.07	36.04	35.77			36.18	36.23	35.98
50				36.18	36.25	35.93				36.48	36.02
75					36.44	36.23				36.46	36.09
Avg.	34.8	35.1	35.9	36.1	36.2	35.9	34.3	35.6	36.1	36.1	36.0
100					36.44	36.57				36.17	36.36
150					36.35	36.69				35.96	36.64
200					36.35	36.64				35.81	36.58
250					36.32	36.61				35.54	36.44
300						36.29				35.30	36.27
Avg.					36.4	36.6				35.8	36.5
400											35.87
500											
600											
Avg.											35.9

Table 8.--Salinities (‰), by section, cruise 7--Continued

Charleston Section						Cape Romain Section				
Depth (m.)	Stations					Stations				
	44	43	42	41	40	46	47	48	49	50
0	35.64	36.10	36.02	35.96	35.93			36.58	36.14	36.10
10	35.39	36.11	36.04	35.87	35.88		36.03	36.08	36.22	36.06
20		36.13	36.04	35.96	35.92		35.90	36.16	36.44	35.95
30			36.25	36.11	35.98			36.31	36.30	35.93
50			36.47	36.20	36.02			36.44	36.08	35.97
75			36.40	36.20	36.09			36.10	36.08	36.29
Avg.	35.5	36.1	36.2	36.1	36.0		36.0	36.3	36.2	36.1
100			35.94	36.23	36.36			35.86	36.08	36.27
150				35.94	36.64			35.71	36.08	36.05
200				35.62	36.58			35.62	35.75	35.83
250				35.42	36.44				35.50	35.64
300				35.24	36.27				35.32	35.43
Avg.			35.9	35.7	36.5			35.7	35.7	35.8
400					35.87					
500										
600										
Avg.					35.9					

Long Bay Section						Cape Fear Section					
Depth (m.)	Stations					Stations					
	56	55	54	53	52	51	58	59	60	61	62
0		35.52	35.67	36.44	36.19	36.06	35.17	35.93	36.07	36.06	36.04
10		35.57	35.68	36.02	36.03	36.04	35.12	35.89	36.08	35.97	35.97
20			36.00	36.14	36.05	36.10		36.09	36.00	35.88	35.98
30				36.24	36.10	36.18			36.13	36.06	36.05
50				36.38	36.16	36.21			36.33	36.33	36.18
75				36.28	36.13	36.13			36.47	36.39	36.26
Avg.		35.5	35.8	36.3	36.1	36.1	35.1	36.0	36.2	36.1	36.1
100				36.17	36.06	35.95			36.51	36.44	36.23
150				35.95	35.80	35.65			36.33	35.97	36.20
200					35.59	35.40			35.96	35.73	36.32
250					35.38	35.23				35.53	35.88
300					35.16	35.15				35.37	35.59
Avg.				36.1	35.6	35.5			36.3	35.8	36.0
400						35.02				35.14	35.33
500											
600											
Avg.						35.0				35.1	35.3

Table 8.--Salinities (‰), by section, cruise 7--Continued

Depth (m.)	Onslow Bay Section					Cape Lookout Section			
	Stations					Stations			
	67	66	65	64	63	69	70	71	72
0	35.57	36.02	36.14	36.18	35.97	35.77	36.65	36.53	36.26
10	35.41	35.94	36.15	36.12	35.88	35.71	36.58	36.42	36.11
20		36.20	36.09	36.11	35.97		36.61	36.42	36.17
30			36.28	36.19	35.97			36.44	36.19
50				36.39	36.19			36.48	36.29
75				36.54	36.52			36.51	36.58
Avg.	35.5	36.1	36.2	36.3	36.1	35.7	36.6	36.5	36.3
100				36.47	36.73			36.53	36.68
150				36.31	36.48				36.45
200				36.15	36.66				36.28
250					36.63				36.23
300					36.62				36.05
Avg.				36.3	36.6			36.5	36.3
400					36.33				35.49
500									35.17
600									
Avg.					36.3				35.3

Depth (m.)	Raleigh Bay Section				Hatteras Section		
	Stations				Stations		
	76	75	74	73	78	79	80
0	35.37		36.09	35.88	35.73	35.86	35.89
10	35.70		36.20	35.85	35.94	35.92	36.02
20			36.32	35.93	36.10	35.86	35.98
30			36.38	35.98		35.88	36.12
50			36.46	36.25		36.03	36.35
75			36.44	36.48		36.43	36.54
Avg.	35.5		36.3	36.1	35.9	36.0	36.1
100			36.45	36.55		36.62	36.65
150			36.62	36.58		36.67	36.68
200			36.56	36.58		36.62	36.58
250			36.39	36.55		36.57	36.54
300			36.15	36.49		36.53	36.51
Avg.			36.4	36.5		36.6	36.6
400			35.77	36.41		35.98	36.47
500			35.36	36.05		35.37	36.14
600			35.11	35.76		35.08	35.74
800				35.42			35.17
1000							35.10
Avg.			35.4	35.9		35.5	35.7

Table 9--Salinities (‰), by section, cruise 8

Depth (m.)	Jupiter Section			Vero Section		
	Stations			Stations		
	3	2	1	5	6	7
0	34.98	36.09	36.30	35.98	36.13	36.16
10	35.40	36.09	36.27	36.04	36.13	36.19
20		36.06	36.27	35.97	36.13	36.14
30		36.09	36.27		36.14	36.18
50		36.15	36.30		36.22	36.26
75		36.22	36.44		36.35	36.38
Avg.	35.2	36.1	36.3	36.0	36.2	36.2
100		36.35	36.54		36.48	36.50
150		36.76	36.66		36.76	36.73
200		36.66	36.69		36.31	36.69
250		36.37	36.63		35.91	36.59
300		36.10	36.54		35.57	36.45
Avg.		36.4	36.6		36.2	36.6
400		35.64	36.25			36.07
500		35.08				35.77
600						
Avg.		35.4	36.3			35.9

Depth (m.)	Canaveral Section				Ponce de Leon Section			
	Stations				Stations			
	11	10	9	8	13	14	15	16
0	36.15	35.93	36.02	36.18	36.26	36.02	35.98	36.13
10	36.17	35.97	36.01	36.22	36.21	35.99	35.99	36.15
20		35.99	36.07	36.20		35.95	36.02	36.18
30			36.11	36.18		35.98	36.06	36.20
50			36.18	36.19		36.09	36.14	36.22
75			36.26	36.27			36.24	36.36
Avg.	36.2	36.0	36.1	36.2	36.2	36.0	36.1	36.2
100			36.38	36.39			36.36	36.47
150			36.55	36.64			36.58	36.63
200			36.26	36.64			36.21	36.60
250			35.82	36.63			36.06	36.60
300			35.52	36.54			35.76	36.58
Avg.			36.1	36.6			36.2	36.6
400				36.18			35.32	36.44
500				35.73				36.08
600								35.63
800								
Avg.				36.0			35.3	36.1

Table 9.--Salinities (‰), by section, cruise 8--Continued

Depth (m.)	Matanzas Section					Jacksonville Section					
	Stations					Stations					
	21	20	19	18	17	23	24	25	26	27	28
0	36.27	36.31	35.86	36.07	36.21	35.86	36.47	36.47	35.61	36.06	36.15
10	36.27	36.29	35.95	36.06	36.14	35.85	36.48	36.47	35.93	36.02	36.13
20		36.29	36.03	36.05	36.18			36.44	35.95	36.02	36.22
30			36.03	36.07	36.18				36.06	36.04	36.24
50				36.11	36.22				36.22	36.09	36.29
75				36.19	36.41				36.24	36.20	36.38
Avg.	36.3	36.3	36.0	36.1	36.2	35.9	36.5	36.5	36.0	36.1	36.2
100				36.33	36.56				36.26	36.38	36.48
150				36.45	36.64					36.60	36.71
200				36.06	36.67					36.31	36.74
250				35.49	36.66					35.93	36.69
300				35.28	36.57					35.64	36.60
Avg.				35.9	36.6				36.3	36.2	36.6
400				35.13	36.17					35.26	36.27
500					35.61					35.08	35.78
600					35.22						35.39
Avg.				35.1	35.7					35.2	35.8

Depth (m.)	Brunswick Section						Savannah Section				
	Stations						Stations				
	34	33	32	31	30	29	36	37	38	39	40
0	35.71	36.25	36.13	35.68	36.04	36.11	36.06	36.20	36.13	36.09	
10	35.75	36.24	36.11	35.90	36.05	36.14	35.92	36.20	36.10	36.06	
20			36.14	36.18	36.06	36.12		36.19	36.08	36.08	
30			36.14	36.20	36.06	36.13			36.09	36.14	
50					36.11	36.16				36.25	
75					36.23	36.46				36.34	
Avg.	35.7	36.2	36.1	36.0	36.1	36.2	36.0	36.2	36.1	36.2	
100					36.35	36.65				36.34	
150					36.29	36.70				36.19	
200					36.24	36.67				35.99	
250					35.99	36.63				35.47	
300					35.68	36.58					
Avg.					36.1	36.6				36.0	
400						36.45					
500						36.17					
600						35.77					
Avg.						36.1					

Table 9.--Salinities (‰), by section, cruise 8--Continued

Charleston Section						Cape Romain Section				
Depth (m.)	Stations					Stations				
	44	43	42	41	40	46	47	48	49	50
0	36.08	36.02				35.89	36.15	36.05		36.09
10	36.07	36.01					36.16	36.04	36.00	36.09
20		36.03					36.13	36.06	36.26	36.05
30								36.15	36.36	36.02
50								36.18	36.43	36.04
75								35.78	36.14	36.17
Avg.	36.1	36.0				35.9	36.1	36.0	36.2	36.1
100								35.45	35.99	36.41
150								34.97	35.99	36.68
200								34.95		36.64
250										36.60
300										36.44
Avg.								35.1	36.0	36.6
400										36.02
500										35.68
600										
Avg.										35.9

Long Bay Section						Cape Fear Section					
Depth (m.)	Stations						Stations				
	56	55	54	53	52	51	58	59	60	61	62
0	35.51	36.03	36.23	36.18	36.11	35.98	35.88	35.91	36.08	36.16	36.13
10		36.05	36.17	36.15	36.12	35.99	35.85	36.11	36.11	36.15	36.13
20			36.18	36.13	36.13	36.01			36.13	36.16	36.14
30				36.22	36.22	36.00			36.24	36.17	36.17
50				36.31	36.29	35.99			36.35	36.25	36.20
75				36.17	36.09	35.99			36.17	36.31	36.25
Avg.	35.5	36.0	36.2	36.2	36.2	36.0	35.9	36.0	36.2	36.2	36.2
100				36.00	35.91	36.03			35.99	36.31	36.40
150				35.55	35.62	36.25			35.64	35.90	36.78
200					35.54	36.14			35.27	35.55	36.79
250					35.39	35.84				35.35	36.60
300					35.17	35.52					36.46
Avg.				35.8	35.5	36.0			35.6	35.8	36.6
400						35.15					36.02
500											35.46
600											35.26
Avg.						35.1					35.6

Table 9.--Salinities (‰), by section, cruise 8--Continued

Depth (m.)	Onslow Bay Section					Cape Lookout Section			
	Stations					Stations			
	67	66	65	64	63	69	70	71	72
0	36.21	36.48	36.31	36.20	36.08	36.35	36.21	36.18	36.22
10	36.24	36.45	36.32	36.22	36.21	36.31	36.23	36.24	36.21
20			36.40	36.22	36.26		36.21	36.28	36.24
30			36.47	36.22	36.27			36.30	36.25
50				36.26	36.31			36.30	36.31
75				36.37	36.41			36.23	36.43
Avg.	36.2	36.5	36.4	36.2	36.3	36.3	36.2	36.3	36.3
100				36.50	36.70			36.08	36.58
150				36.32	36.93				36.82
200				35.94	36.85				36.46
250					36.72				35.91
300					36.54				
Avg.				36.3	36.7			36.1	36.4
400					35.87				
500									
600									
Avg.					35.9				

Depth (m.)	Raleigh Bay Section				Hatteras Section		
	Stations				Stations		
	76	75	74	73	78	79	80
0		36.12	36.31	36.17	35.68	36.02	36.12
10		36.09	36.35	36.30	36.02	36.05	36.13
20		36.18	36.34	36.30	36.02	36.07	36.09
30		36.18	36.32	36.29		36.09	36.12
50			36.37	36.29		36.09	36.19
75			36.49	36.33		36.14	36.34
Avg.		36.1	36.4	36.3	35.9	36.1	36.2
100			36.36	36.42		36.28	36.51
150			36.08	36.59		36.06	36.80
200			35.80	36.58		35.78	36.80
250			35.64	36.26		35.64	36.74
300			35.50	35.87		35.33	36.42
Avg.			35.9	36.3		35.8	36.7
400			35.22	35.45			35.90
500			35.06	35.37			
600							
800							
1000							
Avg.			35.1	35.4			35.9

Table 10.--Salinities (‰), by section, cruise 9

Depth (m.)	Jupiter Section			Vero Section		
	Stations			Stations		
	3	2	1	5	6	7
0	35.89	36.15	36.09	36.16	36.08	36.17
10	35.81	36.14	36.13	36.11	36.17	36.19
20		36.13	36.16	36.26	36.23	36.21
30		36.15	36.17	36.30	36.23	36.21
50		36.20	36.18		36.22	36.21
75		36.29	36.35		36.26	36.32
Avg.	35.9	36.2	36.2	36.2	36.2	36.2
100		36.50	36.50		36.38	36.45
150		36.85	36.76		36.89	36.78
200		36.55	36.77		36.59	36.80
250		36.24	36.58		36.42	36.60
300		35.94	36.56		36.15	36.40
Avg.		36.4	36.6		36.5	36.6
400		35.43	36.21		35.69	36.15
500			35.83			
600						
Avg.		35.4	36.0		35.7	36.1

Depth (m.)	Canaveral Section				Ponce de Leon Section			
	Stations				Stations			
	11	10	9	8	13	14	15	16
0	36.15	36.24	36.08	36.09	36.00	36.27	36.23	36.17
10	36.22	36.19	36.05	36.09	36.01	36.24	36.20	36.12
20		36.24	36.05	36.09		36.28	36.17	36.11
30			36.10	36.10		36.27	36.16	36.20
50			36.18	36.12		36.26	36.16	36.35
75			36.19	36.31			36.27	36.40
Avg.	36.2	36.2	36.1	36.1	36.0	36.3	36.2	36.2
100			36.34	36.50			36.46	36.49
150			36.79	36.79			36.87	36.79
200			36.60	36.73			36.60	36.72
250			36.32	36.66			36.42	36.66
300			35.93	36.54			36.17	36.60
Avg.			36.4	36.6			36.5	36.7
400				36.25			35.56	36.47
500				36.02			35.09	35.91
600				35.61				35.86
800								
Avg.				36.0			35.3	36.1

Table 10.--Salinities (‰), by section, cruise 9--Continued

Matanzas Section						Jacksonville Section					
Depth (m.)	Stations					Stations					
	21	20	19	18	17	23	24	25	26	27	28
0	35.04	36.43	36.18	35.92	36.16	35.91	36.48	36.32	36.10	35.96	36.00
10	35.12	36.38	36.22	36.00	36.16	35.41	36.55	36.29	36.10	35.95	36.09
20		36.30	36.22	36.05	36.15			36.31	36.08	35.95	36.15
30			36.27	36.08	36.15				36.09	35.95	36.17
50				36.20	36.15				36.12	35.95	36.22
75				36.30	36.29				36.22	36.05	36.26
Avg.	35.1	36.4	36.2	36.1	36.2	35.7	36.5	36.3	36.1	36.0	36.1
100				36.32	36.45				36.38	36.19	36.38
150				36.54	36.77					36.50	36.67
200				36.07	36.71					36.69	36.66
250				35.48	36.64					36.48	36.61
300				35.18	36.53					36.18	36.53
Avg.				35.9	36.6				36.4	36.4	36.6
400					36.01					35.24	36.23
500					35.67					34.91	35.75
600					35.11						35.37
Avg.					35.6					35.1	35.8

Brunswick Section						Savannah Section					
Depth (m.)	Stations					Stations					
	34	33	32	31	30	29	36	37	38	39	40
0					36.01	35.96	36.16	36.51	36.27	36.18	36.08
10					36.00	35.96	36.09	36.48	36.27	36.17	36.08
20					36.00	35.97		36.46	36.24	36.16	36.08
30					36.00	35.91			36.20	36.15	36.08
50					36.00	35.89				36.15	36.09
75					35.99	36.15				36.16	36.16
Avg.					36.0	36.0	36.1	36.5	36.2	36.2	36.1
100					36.19	36.41				36.36	36.36
150					36.70	36.62				36.38	36.69
200					36.62	36.62				35.78	36.48
250					36.41	36.57				35.35	36.23
300					36.19	36.45				35.14	36.02
Avg.					36.4	36.5				35.8	36.4
400					35.35	36.02					
500						35.59					
600						35.21					
Avg.					35.3	35.6					

Table 10.--Salinities (‰), by section, cruise 9--Continued

Charleston Section						Cape Romain Section				
Depth (m.)	Stations					Stations				
	44	43	42	41	40	46	47	48	49	50
0	36.36	36.40	36.26	36.09	36.08	35.87	36.35	36.36	36.20	36.09
10	36.35	36.32	36.18	36.10	36.08	35.91	36.37	36.31	36.24	36.10
20		36.34	36.27	36.10	36.08		36.39	36.29	36.27	36.10
30			36.25	36.09	36.08			36.29	36.29	36.10
50			36.22	36.23	36.09			36.30	36.30	36.09
75			36.22	36.38	36.16			36.31	36.28	36.08
Avg.	36.4	36.4	36.2	36.2	36.1	35.9	36.4	36.3	36.3	36.1
100			36.22	36.47	36.36			36.31	36.26	36.14
150				36.47	36.69			36.20	36.04	36.51
200				36.17	36.48				35.70	36.54
250				35.53	36.23				35.46	35.97
300				35.28	36.02					35.52
Avg.			36.2	36.0	36.4			36.3	35.9	36.1
400										35.06
500										
600										
Avg.										35.1

Long Bay Section						Cape Fear Section					
Depth (m.)	Stations					Stations					
	56	55	54	53	52	51	58	59	60	61	62
0	35.94	36.46	36.36	36.21	36.29	36.23	36.35	36.30	36.26	36.09	36.13
10		36.45	36.33	36.29	36.29	36.21	36.34	36.27	36.29	36.06	36.17
20			36.31	36.22	36.28	36.19		36.33	36.26	36.05	36.15
30				36.24	36.27	36.18			36.26	36.07	36.12
50				36.26	36.26	36.24			36.27	36.14	36.11
75				36.18	36.23	36.26			36.32	36.41	36.18
Avg.	35.9	36.5	36.3	36.2	36.3	36.2	36.3	36.3	36.3	36.1	36.1
100				36.12	36.20	36.33			36.33	36.44	36.34
150				36.04	35.68	36.16			36.27	36.38	36.55
200					35.19	35.65			36.00	35.89	36.46
250					35.15	35.36				35.69	36.34
300					35.16	35.24				35.42	36.19
Avg.				36.1	35.5	35.7			36.2	36.0	36.4
400											35.84
500											35.45
600											
Avg.											35.6

Table 10.--Salinities (‰), by section, cruise 9--Continued

Depth (m.)	Onslow Bay Section					Cape Lookout Section			
	Stations					Stations			
	67	66	65	64	63	69	70	71	72
0	36.43	36.43	36.33		36.09	36.35	36.31	36.22	36.24
10	36.38	36.35	36.32		36.08	36.35	36.30	36.23	36.21
20		36.38	36.33		36.09		36.31	36.26	36.22
30			36.26		36.12			36.25	36.23
50					36.14			36.24	36.26
75					36.15			36.23	36.31
Avg.	36.4	36.4	36.3		36.1	36.3	36.3	36.2	36.2
100					36.30			36.22	36.33
150					36.46				36.26
200					36.46				36.27
250					36.34				36.16
300					35.90				35.84
Avg.					36.3			36.2	36.2
400					35.27				
500									
600									
Avg.					35.3				

Depth (m.)	Raleigh Bay Section				Hatteras Section		
	Stations				Stations		
	76	75	74	73	78	79	80
0							
10							
20							
30							
50							
75							
Avg.							
100							
150							
200							
250							
300							
Avg.							
400							
500							
600							
800							
1000							
Avg.							

Table 11.--Salinities (‰), by section, winter season

Depth (m.)	Jupiter Section			Vero Section		
	Stations			Stations		
	3	2	1	5	6	7
0	36.2	36.2	36.3	36.3	36.2	36.2
10	36.1	36.2	36.3	36.3	36.2	36.2
20		36.2	36.3	36.2	36.2	36.2
30		36.2	36.3	36.1	36.2	36.3
50		36.3	36.3		36.2	36.2
75		36.5	36.3		36.4	36.3
Avg.	36.2	36.3	36.3	36.2	36.2	36.2
100		36.6	36.3		36.4	36.4
150		36.5	36.7		36.5	36.6
200		36.3	36.7		36.3	36.7
250		36.1	36.6		36.0	36.5
300		35.8	36.5		35.8	36.4
Avg.		36.3	36.6		36.2	36.5
400		35.3	36.2		35.5	36.2
500			35.8			
600						
Avg.		35.3	36.0		35.5	36.2

Depth (m.)	Canaveral Section				Ponce de Leon Section			
	Stations				Stations			
	11	10	9	8	13	14	15	16
0	35.5	36.3		36.2	35.1	36.2	36.1	36.4
10	36.2	36.2		36.2	35.0	36.2	36.1	36.4
20		36.2		36.2		36.2	36.1	36.4
30				36.2		36.2	36.2	36.5
50				36.2		36.3	36.3	36.5
75				36.3			36.4	36.5
Avg.	35.8	36.2		36.2	35.0	36.2	36.2	36.5
100				36.4			36.5	36.6
150				36.6			36.7	36.7
200				36.6			36.6	36.7
250				36.5			36.5	36.7
300				36.4			36.4	36.6
Avg.				36.5			36.6	36.6
400				36.1			35.8	36.5
500				35.6			35.3	36.2
600				35.2			34.9	
800								
Avg.				35.6			35.4	36.4

Table 11.--Salinities (‰), by section, winter season--Continued

Matanzas Section						Jacksonville Section					
Depth (m.)	Stations					Stations					
	21	20	19	18	17	23	24	25	26	27	28
0	33.3	35.4	36.3	36.2	36.4	33.7	35.6	36.2	36.2		36.4
10	33.4	35.4	36.3	36.1	36.4	34.1	35.7	36.2	36.2		36.4
20		35.6	36.3	36.1	36.4		36.3	36.2	36.2		36.4
30			36.3	36.1	36.5			36.1	36.2		36.4
50				36.2	36.6				36.1		36.4
75				36.3	36.6				35.9		36.4
Avg.	33.3	35.5	36.3	36.2	36.5	33.9	35.8	36.2	36.1		36.4
100				36.5	36.5				35.8		36.4
150				36.5	36.6				35.0		36.6
200				36.3	36.7						36.7
250				36.0	36.7						36.6
300				35.6	36.7						36.6
Avg.				36.2	36.7				35.5		36.6
400				35.1	36.3						36.4
500					36.1						
600					35.7						
Avg.				35.1	36.0						36.4

Brunswick Section						Savannah Section					
Depth (m.)	Stations						Stations				
	34	33	32	31	30	29	36	37	38	39	40
0	33.7	35.8	36.2				35.2	35.9	36.4	36.2	36.3
10	33.7	35.8	36.2				35.2	35.9	36.3	36.2	36.2
20		36.0	36.2					35.9	36.4	36.2	36.2
30			36.2					36.2	36.2	36.2	36.2
50										36.3	36.2
75										36.3	36.4
Avg.	33.7	35.8	36.2				35.2	35.9	36.3	36.2	36.3
100										36.3	36.5
150										36.2	36.5
200										35.9	36.4
250										35.6	36.5
300										35.3	36.4
Avg.										35.9	36.5
400											35.6
500											
600											
Avg.											35.6

Table 11.--Salinities (‰), by section, winter season--Continued

Charleston Section

Depth (m.)	Stations				
	44	43	42	41	40
0	35.2	36.3	36.2	35.9	36.3
10	35.3	36.3	36.2	36.0	36.2
20		36.2	36.1	36.2	36.2
30			36.3	36.2	36.2
50			36.3	36.3	36.2
75			36.2	36.3	36.4
Avg.	35.3	36.3	36.2	36.2	36.3
100				36.3	36.5
150				36.4	36.5
200				36.2	36.4
250				36.0	36.5
300				35.9	36.4
Avg.				36.2	36.5
400				35.3	35.6
500					35.4
600					
Avg.				35.3	35.6

Cape Romain Section

Stations				
46	47	48	49	50
33.9	36.3	36.3	36.2	36.1
34.2	36.3	36.3	36.2	36.1
	36.3	36.3	36.2	36.1
		36.3	36.1	36.1
		36.2	36.1	36.2
		36.1	36.2	36.3
34.0	36.3	36.2	36.2	36.2
		36.0	36.2	36.4
		35.8	36.1	36.5
		35.3	35.8	36.5
			35.6	36.3
				36.1
		35.7	35.9	36.3
				35.6
				35.4
				35.6

Long Bay Section

Depth (m.)	Stations					
	56	55	54	53	52	51
0	34.4	35.5	36.4	36.3	36.2	36.3
10		35.7	36.3	36.3	36.2	36.3
20			36.1	36.3	36.2	36.3
30				36.3	36.2	36.3
50				36.3	36.1	36.3
75				36.1	36.0	36.4
Avg.	34.4	35.6	36.2	36.2	36.2	36.3
100				36.1	36.0	36.5
150				35.8	35.8	36.1
200					35.5	35.8
250					35.3	35.6
300					35.3	35.3
Avg.				36.0	35.6	35.9
400						35.6
500						35.4
600						35.3
Avg.						35.5

Cape Fear Section

Stations				
58	59	60	61	62
35.2	36.3	36.0	36.2	36.2
35.4	36.3	36.0	36.2	36.3
	36.3	36.0	36.2	36.3
		36.0	36.2	36.3
		36.1	36.2	36.3
		36.2	36.2	36.4
35.3	36.3	36.0	36.2	36.3
		36.0	36.1	36.5
			35.7	36.3
			35.5	36.1
			35.3	35.9
			35.2	35.8
		36.0	35.6	36.1
				35.6
				35.4
				35.3
				35.5

Table 11.--Salinities (‰), by section, winter season--Continued

Depth (m.)	Onslow Bay Section					Cape Lookout Section			
	Stations					Stations			
	67	66	65	64	63	69	70	71	72
0	34.9	36.4	36.3	36.3	36.3	35.4	36.1	36.2	36.4
10	35.3	36.4	36.3	36.3	36.2	35.5	36.2	36.2	36.3
20		35.9	36.3	36.3	36.2		36.1	36.2	36.3
30			36.3	36.3	36.3			36.1	36.3
50				36.3	36.4			36.3	36.4
75				36.4	36.3			36.3	36.7
Avg.	35.1	36.2	36.3	36.3	36.3	35.5	36.1	36.2	36.4
100				36.4	36.3			36.3	36.8
150				36.3	36.0				36.5
200				35.7	35.6				36.1
250					35.4				35.9
300					35.3				35.8
Avg.				36.2	35.7			36.3	36.2
400					35.1				35.6
500					35.1				35.5
600					35.1				
Avg.					35.1				35.6

Depth (m.)	Raleigh Bay Section				Hatteras Section		
	Stations				Stations		
	76	75	74	73	78	79	80
0	35.6	35.9	36.4				
10	36.0	35.9	36.3				
20		35.8	36.3				
30		36.3	36.3				
50			36.3				
75			36.3				
Avg.	35.8	35.9	36.3				
100			36.3				
150			36.2				
200							
250							
300							
Avg.			36.3				
400							
500							
600							
800							
1000							
Avg.							

Table 12.--Salinities (‰), by section, spring season

Depth (m.)	Jupiter Section			Vero Section		
	Stations			Stations		
	3	2	1	5	6	7
0	36.0	36.2	36.1	36.2	36.1	36.1
10	36.0	36.1	36.0	36.2	36.1	36.1
20		36.1	36.0	36.2	36.0	36.0
30		36.2	36.0	36.1	36.0	36.0
50		36.2	36.0		36.1	36.0
75		36.2	36.1		36.3	36.1
Avg.	36.0	36.2	36.0	36.2	36.1	36.1
100		36.2	36.3		36.3	36.3
150		36.1	36.7		36.4	36.7
200		36.3	36.7		36.3	36.7
250		36.1	36.4		36.0	36.5
300		35.8	36.2			36.3
Avg.		36.1	36.5		36.3	36.5
400		35.4	35.8			35.9
500		35.1	35.8			
600			35.4			
Avg.		35.3	35.7			35.9

Depth (m.)	Canaveral Section				Ponce de Leon Section			
	Stations				Stations			
	11	10	9	8	13	14	15	16
0	36.1	36.2	36.1	36.0	35.9	36.3	36.1	36.1
10		36.2	36.1	36.0	36.0	36.2	36.1	36.1
20		36.2	36.1	36.0		36.3	36.1	36.1
30		36.3	36.1	36.1		36.3	36.1	36.2
50			36.1	36.1		36.3	36.1	36.3
75			36.3	36.2			36.2	36.4
Avg.	36.1	36.2	36.1	36.1	36.0	36.3	36.1	36.2
100			36.4	36.3			36.4	36.4
150			36.5	36.6			36.6	36.7
200			36.3	36.7			36.5	36.7
250			35.9	36.5			36.4	36.6
300				36.3			36.3	36.5
Avg.			36.3	36.5			36.4	36.6
400				35.8			35.8	36.2
500				35.4			35.4	35.8
600				35.1			35.3	35.4
800								
Avg.				35.5			35.6	35.8

Table 12.--Salinities (‰), by section, spring season--Continued

Matanzas Section						Jacksonville Section					
Depth (m.)	Stations					Stations					
	21	20	19	18	17	23	24	25	26	27	28
0	36.0	36.4	36.3	36.1	36.1	35.6	36.1	36.4	36.3	36.1	36.2
10	35.9	36.4	36.3	36.1	36.1	35.6	36.1	36.3	36.3	36.1	36.2
20		36.3	36.3	36.1	36.1		36.2	36.2	36.3	36.1	36.2
30			36.2	36.2	36.2				36.4	36.1	36.2
50				36.3	36.3				36.3	36.4	36.4
75				36.4	36.4				36.2	36.6	36.6
Avg.	36.0	36.3	36.3	36.2	36.2	35.6	36.2	36.3	36.3	36.3	36.3
100				36.4	36.5				35.8	36.7	36.6
150				36.4	36.7					36.6	36.7
200					36.7					36.3	36.7
250					36.6					36.0	36.6
300					36.5						36.5
Avg.				36.4	36.6				35.8	36.4	36.6
400					36.1						36.3
500					35.8						35.9
600					35.4						
Avg.					35.8						36.1

Brunswick Section						Savannah Section					
Depth (m.)	Stations						Stations				
	34	33	32	31	30	29	36	37	38	39	40
0	34.7	35.2	36.1	36.4	36.3	36.2	34.6	34.6	35.7	36.4	36.1
10	34.7	35.4	36.1	36.4	36.3	36.2	34.7	34.7	35.7	36.4	36.1
20			36.2	36.4	36.3	36.2			35.9	36.4	36.1
30			36.2	36.4	36.4	36.2			36.1	36.3	36.1
50					36.6	36.4				36.3	36.2
75					36.7	36.6				36.0	36.3
Avg.	34.7	35.3	36.2	36.4	36.4	36.3	34.7	34.7	35.9	36.3	36.2
100					36.6	36.6				35.8	36.5
150					36.4	36.7				35.7	36.6
200					36.2	36.7				35.4	36.6
250					35.9	36.6					36.5
300					35.6	36.5					36.5
Avg.					36.1	36.6				35.6	36.5
400						36.0					36.1
500						35.3					
600											
Avg.						35.7					36.1

Table 12.--Salinities (‰), by section, spring season--Continued

Charleston Section						Cape Romain Section				
Depth (m.)	Stations					Stations				
	44	43	42	41	40	46	47	48	49	50
0	33.6		34.9	36.2	36.1	33.9	34.6	36.3	36.1	
10	34.4		34.8	36.2	36.1		34.8	36.3	36.1	
20		36.1	35.0	36.1	36.1		36.0	36.3	36.2	
30			35.6	36.1	36.1			36.3	36.2	
50			36.1	36.2	36.2			36.3	36.2	
75			36.0	36.5	36.3			36.3	36.1	
Avg.	34.0	36.1	35.4	36.2	36.2	33.9	35.1	36.3	36.2	
100			35.7	36.7	36.5			36.2	35.9	
150				36.6	36.6			35.8	35.6	
200				36.1	36.6			35.3	35.2	
250					36.5			35.1	35.0	
300					36.5			35.0		
Avg.			35.7	36.5	36.5			35.5	35.4	
400					36.1					
500										
600										
Avg.					36.1					

Long Bay Section						Cape Fear Section					
Depth (m.)	Stations					Stations					
	56	55	54	53	52	51	58	59	60	61	62
0	33.5	33.8	34.3	36.3			33.8	35.1	35.7	36.2	36.2
10		35.7	35.9	36.3			35.3	35.3	35.8	36.2	36.3
20			36.1	36.3					36.1	36.2	36.3
30				36.4					36.2	36.1	36.3
50				36.4					36.3	36.0	36.4
75				36.4					36.3	35.7	36.4
Avg.	33.5	34.7	35.4	36.4			34.5	35.2	36.1	36.1	36.3
100				36.4					36.1	35.4	36.4
150				35.9					35.8	35.2	36.6
200									35.6	35.1	36.4
250										35.1	36.3
300										35.0	36.2
Avg.				36.2					35.9	35.2	36.4
400										35.0	36.1
500											
600											
Avg.										35.0	36.1

Table 12.--Salinities (‰), by section, spring season--Continued

Onslow Bay Section						Cape Lookout Section			
Depth (m.)	Stations					Stations			
	67	66	65	64	63	69	70	71	72
0	34.2	34.4	35.6	36.2	36.4	34.6	34.6	36.4	36.3
10	35.7	34.9	35.6	36.2	36.4	34.6	34.6	36.3	36.3
20		36.2	36.1	36.4	36.4		35.7	36.4	36.3
30			36.4	36.4	36.3			36.4	36.4
50				36.4	36.4			36.4	36.5
75					36.4			36.4	36.5
Avg.	35.0	35.1	35.9	36.3	36.4	34.6	35.0	36.4	36.4
100					36.0			36.4	36.4
150					35.8				36.1
200									35.8
250									35.7
300									35.6
Avg.					35.9			36.4	35.9
400									35.1
500									
600									
Avg.									35.1

Raleigh Bay Section					Hatteras Section		
Depth (m.)	Stations				Stations		
	76	75	74	73	78	79	80
0		35.6	36.1	36.1	35.1	36.3	36.2
10		35.6	36.1	36.1	35.1	36.3	36.1
20		35.6	36.1	36.1	35.1	36.2	36.2
30		36.0	36.2	36.2		36.3	36.2
50			36.3	36.3		36.3	36.2
75			36.4	36.4		36.5	36.3
Avg.		35.7	36.2	36.2	35.1	36.3	36.2
100			36.5	36.5		36.5	36.4
150			36.5	36.7		36.4	36.5
200			36.5	36.7		36.1	36.5
250			36.4	36.6		35.8	36.5
300			36.1	36.5		35.5	36.5
Avg.			36.4	36.6		36.0	36.5
400			35.5	36.2			36.3
500			35.2				36.0
600			35.1				35.6
800			35.0				35.1
1000			35.0				35.0
Avg.			35.1	36.2			35.6

Table 13.--Salinities (‰), by section, summer season

Jupiter Section				Vero Section		
Depth (m.)	Stations			Stations		
	3	2	1	5	6	7
0	34.9	35.9	36.1	35.8	36.0	36.0
10	35.5	36.0	36.1	36.1	36.0	36.0
20		36.0	36.1	36.2	36.0	36.0
30		36.1	36.1	36.2	36.1	36.0
50		36.2	36.1		36.2	36.1
75		36.3	36.3		36.3	36.3
Avg.	35.2	36.1	36.1	36.1	36.1	36.1
100		36.4	36.5		36.4	36.5
150		36.6	36.7		36.7	36.7
200		36.4	36.7		36.3	36.7
250		36.1	36.6		36.0	36.6
300		35.9	36.5		35.7	36.4
Avg.		36.3	36.6		36.2	36.6
400		35.3	36.2			36.1
500		35.1	35.7			35.7
600						
Avg.		35.3	36.0			36.0

Canaveral Section				Ponce de Leon Section				
Depth (m.)	Stations				Stations			
	11	10	9	8	13	14	15	16
0	36.1	36.0	36.0	36.0	36.1	36.1	35.8	36.1
10	36.2	36.1	36.0	36.0	36.1	36.1	35.9	36.1
20		36.1	36.0	36.0		36.1	35.9	36.1
30			36.0	36.0		36.1	35.9	36.1
50			36.1	36.1		36.2	36.0	36.1
75			36.2	36.2			36.2	36.3
Avg.	36.1	36.0	36.0	36.0	36.1	36.1	35.9	36.1
100			36.4	36.3			36.3	36.4
150			36.4	36.7			36.6	36.6
200			36.4	36.7			36.5	36.7
250			36.1	36.6			36.3	36.6
300			35.7	36.5			35.9	36.5
Avg.			36.2	36.5			36.3	36.6
400				36.1			35.3	36.3
500				35.6			35.0	35.9
600				35.2				35.4
800								34.9
Avg.				35.7			35.2	35.8

Table 13.--Salinities (‰), by section, summer season--Continued

Matanzas Section						Jacksonville Section					
Depth (m.)	Stations					Stations					
	21	20	19	18	17	23	24	25	26	27	28
0	35.8	36.1	36.0	36.0	36.0	35.5	36.0	36.1	35.9	35.9	36.0
10	35.9	36.1	36.0	36.0	36.0	35.6	36.0	36.1	35.9	35.9	36.0
20		36.1	36.1	36.0	36.0		35.9	36.2	36.0	36.0	36.1
30			36.1	36.0	36.1				36.1	36.0	36.1
50				36.1	36.1				36.2	36.1	36.1
75				36.2	36.2				36.3	36.2	36.3
Avg.	35.9	36.1	36.1	36.0	36.1	35.5	36.0	36.2	36.1	36.0	36.1
100				36.4	36.3				36.1	36.4	36.4
150				36.4	36.6					36.6	36.6
200				36.0	36.7					36.4	36.6
250				35.7	36.6					36.1	36.5
300				35.4	36.5					35.8	36.5
Avg.				36.1	36.5				36.1	36.3	36.5
400				35.1	36.1					35.3	36.2
500					35.6					35.1	35.9
600					35.3						35.6
Avg.				35.1	35.7					35.2	35.9

Brunswick Section						Savannah Section					
Depth (m.)	Stations						Stations				
	34	33	32	31	30	29	36	37	38	39	40
0	35.3	35.7	35.8	35.9	36.0	35.9	35.0	35.8	36.1	36.0	35.9
10	35.3	35.7	35.8	35.9	36.0	35.9	35.2	35.8	36.0	36.0	35.9
20			36.0	36.1	36.0	35.9		35.9	36.1	36.0	35.9
30			36.0	36.1	36.0	35.9			36.2	36.1	36.0
50				36.2	36.1	36.0				36.3	36.0
75					36.3	36.3				36.2	36.1
Avg.	35.3	35.7	35.9	36.0	36.1	36.0	35.1	35.8	36.1	36.1	36.0
100					36.4	36.6				36.1	36.3
150					36.4	36.6				35.8	36.6
200					36.3	36.6				35.6	36.6
250					36.2	36.6				35.3	36.5
300					35.8	36.4				35.1	36.4
Avg.					36.3	36.6				35.6	36.5
400					35.4	36.3					36.0
500						35.9					35.9
600						35.4					35.6
Avg.					35.4	35.9					36.0

Table 13.--Salinities (‰), by section, summer season--Continued

Charleston Section

Depth (m.)	Stations				
	44	43	42	41	40
0	35.6	35.7	36.0	35.9	35.9
10	35.5	35.8	36.0	35.9	35.9
20		36.0	36.1	35.9	35.9
30			36.2	36.0	36.0
50			36.3	36.1	36.0
75			36.2	36.2	36.1
Avg.	35.5	35.9	36.1	36.0	36.0
100			35.8	36.4	36.3
150				36.1	36.6
200				35.8	36.6
250				35.5	36.5
300				35.2	36.4
Avg.			35.8	35.8	36.5
400					36.0
500					35.9
600					
Avg.					36.0

Cape Romain Section

Stations				
46	47	48	49	50
35.5	35.9	36.2	36.1	36.1
	35.9	36.0	36.1	36.0
	35.8	36.1	36.2	36.0
		36.2	36.2	36.0
		36.3	36.2	36.0
		36.0	36.1	36.2
35.5	35.9	36.1	36.2	36.0
		35.7	36.1	36.3
		35.4	35.9	36.5
		35.3	35.7	36.4
			35.5	36.2
			35.3	36.0
		35.5	35.9	36.3
				36.0
				35.6
				35.8

Long Bay Section

Depth (m.)	Stations					
	56	55	54	53	52	51
0	35.1	35.6	35.8	36.0	36.1	36.0
10		35.7	35.8	35.9	36.1	36.0
20			36.1	36.1	36.1	36.0
30				36.2	36.2	36.0
50				36.3	36.2	36.1
75				36.2	36.1	36.1
Avg.	35.1	35.7	35.9	36.1	36.1	36.0
100				36.1	36.0	36.1
150				35.7	35.7	36.2
200					35.6	36.1
250					35.4	35.9
300					35.2	35.8
Avg.				35.9	35.6	36.0
400						35.1
500						
600						
Avg.						35.1

Cape Fear Section

Stations				
58	59	60	61	62
35.6	35.8	36.0	36.0	36.1
35.5	35.9	36.0	35.9	36.0
	36.1	36.0	36.0	36.1
		36.1	36.1	36.1
		36.3	36.3	36.1
		36.3	36.3	36.2
35.5	35.9	36.1	36.1	36.1
		36.2	36.3	36.3
		35.9	35.8	36.5
		35.6	35.6	36.6
			35.4	36.2
			35.4	35.9
		35.9	35.7	36.3
				35.1
				35.5
				35.3
				35.5

Table 13.--Salinities (‰), by section, summer season--Continued

Depth (m.)	Onslow Bay Section					Cape Lookout Section			
	Stations					Stations			
	67	66	65	64	63	69	70	71	72
0	35.8	36.1	36.2	36.1	36.0	36.1	36.2	36.2	36.2
10	35.8	36.1	36.2	36.1	36.0	36.0	36.2	36.2	36.1
20		36.2	36.2	36.1	36.1		36.2	36.2	36.2
30			36.4	36.2	36.1			36.3	36.2
50				36.3	36.2			36.4	36.3
75				36.4	36.4			36.3	36.4
Avg.	35.8	36.1	36.2	36.2	36.2	36.0	36.2	36.3	36.2
100				36.4	36.7			36.3	36.5
150				36.2	36.6				36.6
200				35.9	36.5				36.3
250				35.5	36.4				36.1
300					36.3				36.1
Avg.				36.1	36.5			36.3	36.4
400					36.1				35.5
500									35.2
600									
Avg.					36.1				35.3

Depth (m.)	Raleigh Bay Section				Hatteras Section		
	Stations				Stations		
	76	75	74	73	78	79	80
0	35.6	36.0	36.2	36.0	35.7	35.9	36.0
10	35.8	36.0	36.3	36.1	36.0	36.0	36.1
20		36.1	36.3	36.1	36.1	36.0	36.0
30		36.2	36.3	36.1		36.0	36.1
50			36.4	36.3		36.1	36.3
75			36.5	36.4		36.3	36.4
Avg.	35.7	36.1	36.3	36.2	35.9	36.0	36.2
100			36.4	36.5		36.5	36.6
150			36.3	36.6		36.4	36.7
200			36.2	36.6		36.2	36.7
250			36.0	36.4		36.1	36.6
300			35.8	36.2		35.9	36.5
Avg.			36.2	36.4		36.2	36.6
400			35.5	35.9		36.0	36.2
500			35.2	35.7		35.4	36.1
600			35.1	35.8		35.1	35.7
800				35.4			35.2
1000							35.1
Avg.			35.3	35.7		35.5	35.8

Table 14.--Salinities (‰), by section, fall season

Jupiter Section				Vero Section		
Depth (m.)	Stations			Stations		
	3	2	1	5	6	7
0	34.3	36.0	36.0	35.3	36.0	36.1
10	35.2	36.0	36.1	35.4	36.0	36.1
20		36.0	36.0	35.8	36.1	36.1
30		36.0	36.0	35.9	36.1	36.1
50		36.1	36.0		36.1	36.2
75		36.3	36.3		36.2	36.3
Avg.	34.7	36.1	36.1	35.6	36.1	36.1
100		36.5	36.6		36.4	36.5
150		36.7	36.7		36.8	36.7
200		36.4	36.7		36.6	36.8
250		36.1	36.5		36.4	36.6
300		35.9	36.5		36.2	36.4
Avg.		36.3	36.6		36.5	36.6
400		35.3	36.1		35.6	36.1
500			35.8			35.8
600						
Avg.		35.3	36.0		35.6	36.0

Canaveral Section				Ponce de Leon Section				
Depth (m.)	Stations				Stations			
	11	10	9	8	13	14	15	16
0	33.4	34.9	36.0	36.0	33.6	35.4	36.9	36.1
10	36.2	34.9	36.0	36.0	35.1	35.3	36.0	36.1
20		35.1	36.0	36.0		35.6	36.0	36.1
30		35.0	36.0	36.0		35.7	36.0	36.1
50			36.1	36.0		35.8	36.0	36.2
75			36.1	36.2			36.2	36.2
Avg.	34.3	35.0	36.0	36.0	34.4	35.6	36.1	36.1
100			36.3	36.4			36.3	36.3
150			36.7	36.7			36.7	36.7
200			36.5	36.7			36.6	36.7
250			36.0	36.6			36.4	36.6
300			35.9	36.5			36.1	36.5
Avg.			36.3	36.6			36.4	36.5
400				36.1			35.6	36.3
500				35.7			35.2	35.9
600				35.3			35.1	35.7
800								
Avg.				35.7			35.3	35.9

Table 14.--Salinities (‰), by section, fall season--Continued

Depth (m.)	Matanzas Section					Jacksonville Section					
	Stations					Stations					
	21	20	19	18	17	23	24	25	26	27	28
0	33.1	35.9	35.9	35.9	36.2	35.9	35.9	36.1	35.9	35.9	36.0
10	34.7	35.9	35.9	36.0	36.2	35.4	36.0	36.1	36.0	35.9	36.0
20		35.8	35.9	36.0	36.1		35.4	36.1	35.9	35.9	36.1
30			36.0	36.0	36.1				35.9	35.9	36.1
50				36.1	36.1				36.0	35.9	36.2
75				36.3	36.3				36.1	36.1	36.3
Avg.	33.9	35.9	35.9	36.0	36.2	35.7	35.9	36.1	36.0	35.9	36.1
100				36.4	36.5				36.2	36.4	36.5
150				36.5	36.8				36.1	36.6	36.7
200				36.2	36.7					36.6	36.6
250				35.7	36.6					36.5	36.6
300				35.5	36.5					36.2	36.5
Avg.				36.1	36.6				36.2	36.4	36.6
400				35.3	36.0					35.5	36.3
500					35.7					35.2	36.0
600					35.1						35.5
Avg.				35.3	35.6					35.3	35.9

Depth (m.)	Brunswick Section						Savannah Section				
	Stations						Stations				
	34	33	32	31	30	29	36	37	38	39	40
0	34.3	35.4	36.0	36.1	36.1	36.0	36.1	36.4	36.2	36.2	36.2
10	34.5	35.3	36.0	36.1	36.1	36.0	36.1	36.3	36.2	36.2	36.2
20			36.1	36.1	36.1	36.0		36.3	36.2	36.2	36.2
30			36.2	36.1	36.1	36.0			36.2	36.2	36.2
50					36.1	36.0				36.2	36.2
75					36.3	36.3				36.2	36.3
Avg.	34.4	35.4	36.1	36.1	36.1	36.0	36.1	36.3	36.2	36.2	36.2
100					36.6	36.5				36.5	36.5
150					36.8	36.6				36.5	36.8
200					36.7	36.6				36.1	36.7
250					36.5	36.6				35.7	36.6
300					36.3	36.5				35.5	36.4
Avg.					36.6	36.6				36.1	36.6
400					35.6	36.2				35.6	35.9
500					35.4	35.8					
600						35.4					
Avg.					35.5	35.8				35.6	35.9

Table 14.--Salinities (‰), by section, fall season--Continued

Charleston Section						Cape Romain Section				
Depth (m.)	Stations					Stations				
	44	43	42	41	40	46	47	48	49	50
0	36.2	36.3	36.2	36.2	36.2	35.8	36.3	36.3	36.2	36.2
10	36.2	36.3	36.2	36.2	36.2	35.9	36.3	36.2	36.2	36.2
20		36.3	36.2	36.2	36.2		36.3	36.2	36.2	36.2
30		36.2	36.2	36.2	36.2			36.2	36.2	36.2
50			36.2	36.2	36.2			36.2	36.2	36.2
75			36.2	36.4	36.3			36.3	36.3	36.3
Avg.	36.2	36.3	36.2	36.2	36.2	35.9	36.3	36.2	36.2	36.2
100			36.2	36.5	36.5			36.4	36.4	36.5
150				36.7	36.8			36.3	36.3	36.7
200				36.5	36.7				36.0	36.7
250				35.9	36.6				35.8	36.4
300				35.6	36.4				35.9	36.0
Avg.			36.2	36.3	36.6			36.3	36.1	36.5
400										35.6
500										36.1
600										35.6
Avg.										35.7

Long Bay Section						Cape Fear Section					
Depth (m.)	Stations						Stations				
	56	55	54	53	52	51	58	59	60	61	62
0	35.9	36.2	36.3	36.1	36.2	36.2	36.3	36.3	36.2	36.2	36.2
10		36.2	36.2	36.2	36.2	36.2	36.3	36.3	36.2	36.2	36.2
20			36.2	36.2	36.2	36.2		36.3	36.2	36.2	36.2
30				36.2	36.2	36.2			36.2	36.2	36.2
50				36.2	36.2	36.3			36.3	36.3	36.2
75				36.2	36.3	36.4			36.3	36.5	36.3
Avg.	35.9	36.2	36.2	36.2	36.2	36.3	36.3	36.3	36.3	36.2	36.2
100				36.3	36.4	36.5			36.4	36.6	36.5
150				36.3	36.0	36.4			36.5	36.6	36.6
200					35.6	36.1			36.0	36.2	36.6
250					35.5	35.9				36.0	36.5
300					35.4	35.7				35.7	36.3
Avg.				36.3	35.8	36.1			36.4	36.2	36.5
400						35.7				35.6	36.0
500						35.3					35.6
600											35.5
Avg.						35.5				35.6	35.7

Table 14--Salinities (‰), by section, fall season--Continued

Depth (m.)	Onslow Bay Section					Cape Lookout Section			
	Stations					Stations			
	67	66	65	64	63	69	70	71	72
0	36.0	36.3	36.2	36.3	36.1	35.0	35.5	36.2	36.2
10	36.0	36.3	36.2	36.2	36.1	35.5	35.5	36.2	36.2
20		36.3	36.2	36.3	36.1		35.5	36.3	36.2
30			36.2	36.3	36.1			36.3	36.2
50				36.3	36.2			36.2	36.3
75				36.3	36.3			36.2	36.3
Avg.	36.0	36.3	36.2	36.3	36.2	35.2	35.5	36.2	36.2
100				36.4	36.4			36.2	36.3
150				36.7	36.6				36.3
200				36.6	36.6				36.3
250				36.5	36.5				36.2
300				36.0	36.3				35.8
Avg.				36.4	36.5			36.2	36.2
400					35.9				
500					36.2				
600					35.7				
Avg.					35.9				

Depth (m.)	Raleigh Bay Section				Hatteras Section		
	Stations				Stations		
	76	75	74	73	78	79	80
0	32.8	36.3					
10	32.7	36.3					
20		36.3					
30		36.2					
50							
75							
Avg.	32.8	36.3					
100							
150							
200							
250							
300							
Avg.							
400							
500							
600							
800							
1000							
Avg.							

Table 15.-- Salinities (‰), by station, winter season, southern inner shelf

Station 3				Station 4			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	1	5		1	5		
0	36.18	36.13	36.2	36.22		36.2	
10	36.15		36.1	36.29		36.3	
20							
Avg.	36.2	36.1	36.2	36.3		36.3	
Station 11				Station 12			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	1	5		1	5		
0	36.09	35.01	35.5		35.03	35.0	
10	36.17		36.2		35.03	35.0	
20							
Avg.	36.1	35.0	35.8		35.0	35.0	
Station 13				Station 21			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	1	5		1	5		
0		35.05	35.1		33.26	33.3	
10		35.00	35.0		33.38	33.4	
20							
Avg.		35.0	35.0		33.3	33.3	
Station 22				Station			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	1	5					
0		33.70	33.7				
10		33.68	33.7				
20							
Avg.		33.7	33.7				
Station				Station			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
0							
10							
20							
Avg.							

Table 16--Salinities (‰), by station, winter season, southern outer shelf

Station 5				Station 10			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	1	5		1	5		
0	36.17	36.34	36.3		36.26	36.3	
10	36.18	36.32	36.3		36.22	36.2	
20	36.08	36.31	36.2		36.22	36.2	
30	35.90	36.29	36.1				
50							
75							
Avg.	36.1	36.3	36.2		36.2	36.2	
100							
150							
200							
Avg.							

Station 14				Station 19			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	1	5		1	5		
0		36.18	36.2		36.25	36.3	
10		36.18	36.2		36.26	36.3	
20		36.17	36.2		36.26	36.3	
30		36.18	36.2		36.26	36.3	
50		36.27	36.3				
75							
Avg.		36.2	36.2		36.3	36.3	
100							
150							
200							
Avg.							

Station 20				Station			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	1	5					
0		35.40	35.4				
10		35.40	35.4				
20		35.56	35.6				
30							
50							
75							
Avg.		35.5	35.5				
100							
150							
200							
Avg.							

Table 17.--Salinities (‰), by station, winter season, southern offshore

Depth (m.)	Station 1			Station 2		
	Cruise		Avg.	Cruise		Avg.
	1	5		1	5	
0	36.35	36.20	36.3	36.18	36.18	36.2
10	36.33	36.20	36.3	36.15	36.19	36.2
20	36.36	36.18	36.3	36.21	36.23	36.2
30	36.36	36.21	36.3	36.15	36.23	36.2
50	36.36	36.24	36.3	36.29	36.24	36.3
75	36.41	36.21	36.3	36.72	36.30	36.5
Avg.	36.4	36.2	36.3	36.3	36.2	36.3
100	36.47	36.18	36.3	36.80	36.40	36.6
150	36.72	36.74	36.7	36.51	36.59	36.5
200	36.80	36.70	36.7	36.29	36.25	36.3
250	36.62	36.63	36.6	36.06	36.08	36.1
300	36.47	36.55	36.5	35.76	35.84	35.8
Avg.	36.6	36.6	36.6	36.3	36.2	36.3
400	36.27	36.08	36.2	35.20	35.30	35.3
500	35.84	35.82	35.8			
600						
800						
1000						
Avg.	36.1	35.9	36.0	35.2	35.3	35.3

Depth (m.)	Station 6			Station 7		
	Cruise		Avg.	Cruise		Avg.
	1	5		1	5	
0	36.15	36.22	36.2	36.18	36.24	36.2
10	36.11	36.22	36.2	36.27	36.22	36.2
20	36.13	36.22	36.2	36.24	36.25	36.2
30	36.11	36.21	36.2	36.26	36.25	36.3
50	36.18	36.20	36.2	36.20	36.25	36.2
75	36.50	36.22	36.4	36.30	36.27	36.3
Avg.	36.2	36.2	36.2	36.2	36.2	36.2
100	36.60	36.29	36.4	36.39	36.34	36.4
150	36.36	36.56	36.5	36.58	36.70	36.6
200	36.09	36.47	36.3	36.60	36.75	36.7
250	35.79	36.29	36.0	36.41	36.65	36.5
300	35.50	36.07	35.8	36.24	36.53	36.4
Avg.	36.1	36.3	36.2	36.4	36.6	36.5
400		35.52	35.5		36.20	36.2
500						
600						
800						
1000						
Avg.		35.5	35.5		36.2	36.2

Table 17.--Salinities (‰), by station, winter season, southern offshore--
Continued

Station 8				Station 9			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	1	5		1	5		
0	36.22	36.22	36.2				
10	36.18	36.22	36.2				
20	36.18	36.20	36.2				
30	36.18	36.20	36.2				
50	36.18	36.21	36.2				
75	36.27	36.35	36.3				
Avg.	36.2	36.2	36.2				
100	36.36	36.46	36.4				
150	36.56	36.60	36.6				
200	36.64	36.65	36.6				
250	36.48	36.60	36.5				
300	36.31	36.55	36.4				
Avg.	36.5	36.6	36.5				
400	35.93	36.32	36.1				
500	35.43	35.71	35.6				
600	35.12	35.24	35.2				
800							
1000							
Avg.	35.5	35.8	35.6				

Station 15				Station 16			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	1	5		1	5		
0		36.10	36.1		36.40	36.4	
10		36.11	36.1		36.40	36.4	
20		36.15	36.1		36.41	36.4	
30		36.19	36.2		36.47	36.5	
50		36.27	36.3		36.55	36.5	
75		36.41	36.4		36.55	36.5	
Avg.		36.2	36.2		36.5	36.5	
100		36.53	36.5		36.56	36.6	
150		36.70	36.7		36.66	36.7	
200		36.64	36.6		36.74	36.7	
250		36.53	36.5		36.66	36.7	
300		36.36	36.4		36.59	36.6	
Avg.		36.6	36.6		36.6	36.6	
400		35.82	35.8		36.48	36.5	
500		35.35	35.3		36.23	36.2	
600		34.94	34.9				
800							
1000							
Avg.		35.4	35.4		36.4	36.4	

Table 17.--Salinities (‰), by station, winter season, southern offshore--
Continued

Station 17			Station 18		
Depth (m.)	Cruise			Cruise	
	1	5		1	5
0		36.42	Avg.		36.17
10		36.44			36.15
20		36.43			36.15
30		36.50			36.15
50		36.59			36.19
75		36.56			36.32
Avg.		36.5			36.2
100		36.53			36.47
150		36.58			36.54
200		36.74			36.28
250		36.73			35.99
300		36.68			35.63
Avg.		36.7			36.2
400		36.33			35.12
500		36.05			
600		35.66			
300					
1000					
Avg.		36.0			35.1

Station			Station		
Depth (m.)	Cruise			Cruise	
0			Avg.		
10					
20					
30					
50					
75					
Avg.					
100					
150					
200					
250					
300					
Avg.					
400					
500					
600					
800					
1000					
Avg.					

Table 18.--Salinities (‰), by station, winter season, central inner shelf

Station 23				Station 34			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	1	5		1	5		
0	34.94	32.43	33.7	34.56	32.84	33.7	
10	35.10	33.03	34.1	34.54	32.81	33.7	
20							
Avg.	35.0	32.7	33.9	34.5	32.8	33.7	
Station 35				Station 36			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	1	5		1	5		
0	34.76	32.18	33.5	35.25	35.11	35.2	
10	35.01	33.57	34.3	35.25	35.14	35.2	
20							
Avg.	34.9	32.9	33.9	35.3	35.1	35.2	
Station 44				Station 45			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	1	5		1	5		
0	34.92	35.55	35.2	33.64		33.6	
10	34.99	35.71	35.3	34.69		34.7	
20							
Avg.	35.0	35.6	35.3	34.2		34.2	
Station 46				Station 55			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	1	5		1	5		
0	33.82	34.05	33.9		35.48	35.5	
10	34.22		34.2		35.69	35.7	
20							
Avg.	34.0	34.1	34.0		35.6	35.6	
Station 56				Station			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	1	5					
0	34.13	34.75	34.4				
10							
20							
Avg.	34.1	34.7	34.4				

Table 19.--- Salinities (‰), by station, winter season, central outer shelf

Station 24				Station 25			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	1	5		1	5		
0	36.17	35.04	35.6	36.11	36.31	36.2	
10	36.17	35.17	35.7	36.13	36.31	36.2	
20	36.26		36.3	36.13	36.32	36.2	
30				36.15		36.1	
50							
75							
Avg.	36.2	35.1	35.8	36.1	36.3	36.2	
100							
150							
200							
Avg.							

Station 26				Station 31			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	1	5		1	5		
0	36.20	36.23	36.2				
10	36.18	36.24	36.2				
20	36.17	36.23	36.2				
30	36.13	36.18	36.2				
50	35.97	36.16	36.1				
75	35.59	36.29	35.9				
Avg.	36.0	36.2	36.1				
100	35.30	36.33	35.8				
150	34.96		35.0				
200							
Avg.	35.1	36.3	35.5				

Station 32				Station 33			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	1	5		1	5		
0	36.18		36.2	35.97	35.62	35.8	
10	36.22		36.2	36.00	35.59	35.8	
20	36.20		36.2	36.00		36.0	
30	36.20		36.2				
50							
75							
Avg.	36.2		36.2	36.0	35.6	35.8	
100							
150							
200							
Avg.							

Table 19.--Salinities (‰), by station, winter season, central outer shelf--
Continued

Station 37				Station 38			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	1	5		1	5		
0	36.15	35.59	35.9	36.36	36.38	36.4	
10	36.17	35.57	35.9	36.18	36.39	36.3	
20	36.17	35.55	35.9	36.36	36.39	36.4	
30	36.18		36.2	36.13	36.36	36.2	
50							
75							
Avg.	36.2	35.6	35.9	36.3	36.4	36.3	
100							
150							
200							
Avg.							

Station 42				Station 43			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	1	5		1	5		
0	36.22	36.26	36.2	36.29	36.31	36.3	
10	36.22	36.18	36.2	36.27	36.29	36.3	
20	36.00	36.26	36.1	36.22	36.26	36.2	
30	36.22	36.30	36.3				
50	36.21	36.33	36.3				
75	36.09	36.29	36.2				
Avg.	36.2	36.3	36.2	36.3	36.3	36.3	
100							
150							
200							
Avg.							

Station 47				Station 48			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	1	5		1	5		
0	36.27	36.32	36.3	36.22	36.36	36.3	
10	36.26	36.31	36.3	36.20	36.36	36.3	
20	36.26	36.29	36.3	36.18	36.34	36.3	
30				36.20	36.34	36.3	
50				36.15	36.33	36.2	
75				35.81	36.33	36.1	
Avg.	36.3	36.3	36.3	36.1	36.3	36.2	
100				35.62	36.33	36.0	
150				35.37	36.15	35.8	
200				35.30		35.3	
Avg.				35.4	36.2	35.8	

Table 19--Salinities (‰), by station, winter season, central outer shelf--
Continued

Station 53				Station 54			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	1	5		1	5		
0	36.20	36.38	36.3		36.36	36.4	
10	36.18	36.36	36.3	36.13	36.37	36.3	
20	36.15	36.36	36.3	36.11	36.16	36.1	
30	36.11	36.39	36.3				
50	36.08	36.44	36.3				
75	35.84	36.43	36.1				
Avg.	36.1	36.4	36.2	36.1	36.3	36.2	
100	35.79	36.42	36.1				
150	35.44	36.17	35.8				
200							
Avg.	35.6	36.3	36.0				

Station				Station			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
0							
10							
20							
30							
50							
75							
Avg.							
100							
150							
200							
Avg.							

Station				Station			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
0							
10							
20							
30							
50							
75							
Avg.							
100							
150							
200							
Avg.							

Table 20.--Salinities (‰), by station, winter season, central offshore

Station 27			Station 28			
Depth (m.)	Cruise		Avg.	Cruise		Avg.
	1	5		1	5	
0					36.39	36.4
10					36.38	36.4
20					36.36	36.4
30					36.37	36.4
50					36.38	36.4
75					36.39	36.4
Avg.					36.4	36.4
100					36.40	36.4
150					36.58	36.6
200					36.65	36.7
250					36.64	36.6
300					36.62	36.6
Avg.					36.6	36.6
400					36.38	36.4
500						
600						
800						
1000						
Avg.					36.4	36.4

Station 29			Station 30			
Depth (m.)	Cruise		Avg.	Cruise		Avg.
	1	5		1	5	
0						
10						
20						
30						
50						
75						
Avg.						
100						
150						
200						
250						
300						
Avg.						
400						
500						
600						
800						
1000						
Avg.						

Table 20.--Salinities (‰), by station, winter season, central offshore--
Continued

Station 39				Station 40			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	1	5		1	5		
0	36.20	36.12	36.2	36.18	36.36	36.3	
10	36.22	36.14	36.2	36.13	36.31	36.2	
20	36.24	36.15	36.2	36.12	36.28	36.2	
30	36.26	36.19	36.2	36.12	36.30	36.2	
50	36.33	36.25	36.3	36.16	36.29	36.2	
75	36.38	36.30	36.3	36.48	36.27	36.4	
Avg.	36.3	36.2	36.2	36.2	36.3	36.3	
100	36.35		36.3	36.72	36.33	36.5	
150	36.24		36.2	36.70	36.38	36.5	
200	35.92		35.9		36.44	36.4	
250	35.59		35.6		36.51	36.5	
300	35.32		35.3		36.37	36.4	
Avg.	35.9		35.9	36.7	36.4	36.5	
400					35.64	35.6	
500							
600							
800							
1000							
Avg.					35.6	35.6	

Station 41				Station 49			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	1	5		1	5		
0	35.93		35.9	36.27	36.19	36.2	
10	35.89	36.14	36.0	36.23	36.20	36.2	
20	36.17	36.16	36.2	36.14	36.18	36.2	
30	36.19	36.17	36.2	36.04	36.22	36.1	
50	36.49	36.16	36.3	35.95	36.30	36.1	
75	36.40	36.30	36.3	35.95	36.38	36.2	
Avg.	36.2	36.2	36.2	36.1	36.2	36.2	
100	36.31	36.33	36.3	35.94	36.43	36.2	
150	36.66	36.11	36.4	35.83	36.32	36.1	
200	36.65	35.78	36.2	35.52	36.11	35.8	
250	36.53	35.55	36.0	35.29	35.83	35.6	
300	36.46	35.40	35.9				
Avg.	36.5	35.8	36.2	35.6	36.2	35.9	
400		35.26	35.3				
500							
600							
800							
1000							
Avg.		35.3	35.3				

Table 20.--Salinities (‰), by station, winter season, central offshore--
Continued

Station 50				Station 51			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	1	5		1	5		
0	36.22	36.08	36.1	36.24	36.30	36.3	
10	36.17	36.08	36.1	36.32	36.30	36.3	
20	36.17	36.07	36.1	36.30	36.31	36.3	
30	36.18	36.06	36.1	36.28	36.32	36.3	
50	36.21	36.11	36.2	36.29	36.36	36.3	
75	36.35	36.23	36.3	36.42	36.41	36.4	
Avg.	36.2	36.1	36.2	36.3	36.3	36.3	
100	36.50	36.28	36.4	36.55	36.41	36.5	
150	36.71	36.33	36.5	36.18	35.92	36.1	
200	36.63	36.30	36.5	35.89	35.63	35.8	
250	36.37	36.21	36.3	35.73	35.42	35.6	
300	36.09	36.06	36.1		35.25	35.3	
Avg.	36.5	36.2	36.3	36.1	35.7	35.9	
400	35.70	35.54	35.6				
500	35.43		35.4				
600							
800							
1000							
Avg.	35.6	35.5	35.6				

Station 52				Station		
Depth (m.)	Cruise		Avg.	Cruise		Avg.
	1	5				
0	36.11	36.36	36.2			
10	36.11	36.36	36.2			
20	36.09	36.34	36.2			
30	35.94	36.38	36.2			
50	35.72	36.43	36.1			
75	35.61	36.44	36.0			
Avg.	35.9	36.4	36.2			
100	35.59	36.45	36.0			
150	35.43	36.21	35.8			
200	35.29	35.65	35.5			
250	35.19	35.46	35.3			
300		35.34	35.3			
Avg.	35.4	35.8	35.6			
400						
500						
600						
800						
1000						
Avg.						

Table 21.--Salinities (‰), by station, winter season, northern inner shelf

Station 57

Depth (m.)	Cruise		Avg.
	1	5	
0	35.90		35.9
10	35.95		35.9
20			
Avg.	35.9		35.9

Station 58

Cruise		Avg.
1	5	
34.18	36.15	35.2
34.61	36.13	35.4
34.4	36.1	35.3

Station 67

Depth (m.)	Cruise		Avg.
	1	5	
0		34.88	34.9
10		35.25	35.3
20			
Avg.		35.1	35.1

Station 68

Cruise		Avg.
1	5	
	36.13	36.1
	36.08	36.1
	36.1	36.1

Station 69

Depth (m.)	Cruise		Avg.
	1	5	
0	35.01	35.80	35.4
10	35.14	35.90	35.5
20			
Avg.	35.1	35.9	35.5

Station 76

Cruise		Avg.
1	5	
	35.59	35.6
	35.99	36.0
	35.8	35.8

Station 77

Depth (m.)	Cruise		Avg.
	1	5	
0	33.01	35.18	34.1
10	33.86	35.17	34.5
20		36.01	36.0
Avg.	33.4	35.5	34.6

Station

Cruise		Avg.

Station

Depth (m.)	Cruise		Avg.
0			
10			
20			
Avg.			

Station

Cruise		Avg.

Table 22.--Salinities (‰), by station, winter season, northern outer shelf

Station 59				Station 60			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	1	5		1	5		
0	36.17	36.42	36.3	35.99		36.0	
10	36.20	36.43	36.3	35.97		36.0	
20	36.18	36.42	36.3	35.97		36.0	
30				35.99		36.0	
50				36.10		36.1	
75				36.22		36.2	
Avg.	36.2	36.4	36.3	36.0		36.0	
100				35.99		36.0	
150							
200							
Avg.				36.0		36.0	

Station 65				Station 66			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	1	5		1	5		
0		36.33	36.3		36.38	36.4	
10		36.31	36.3		36.36	36.4	
20		36.33	36.3		35.88	35.9	
30		36.29	36.3				
50							
75							
Avg.		36.3	36.3		36.2	36.2	
100							
150							
200							
Avg.							

Station 70				Station 71			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	1	5		1	5		
0	35.81	36.44	36.1	36.17	36.29	36.2	
10	35.93	36.42	36.2	36.11	36.26	36.2	
20	35.88	36.41	36.1	36.11	36.27	36.2	
30				35.97	36.27	36.1	
50					36.28	36.3	
75					36.31	36.3	
Avg.	35.9	36.4	36.1	36.1	36.3	36.2	
100					36.35	36.3	
150							
200							
Avg.					36.3	36.3	

Table 22.--Salinities (‰), by station, winter season, northern outer shelf--
Continued

	Station 75				Station 78		
Depth (m.)	Cruise		Avg.		Cruise		Avg.
	1	5		1	5		
0	35.35	36.42	35.9				
10	35.35	36.42	35.9				
20	35.35	36.34	35.8				
30		36.34	36.3				
50							
75							
Avg.	35.3	36.4	35.9				
100							
150							
200							
Avg.							

	Station			Station		
Depth	Cruise		Avg.	Cruise		Avg.
(m.)						
0						
10						
20						
30						
50						
75						
Avg.						
100						
150						
200						
Avg.						

Station			Station		
Depth	Cruise	Avg.	Cruise	Avg.	
(m.)					
0					
10					
20					
30					
50					
75					
Avg.					
100					
150					
200					
Avg.					

Table 23.--Salinities (‰), by station, winter season, northern offshore

Depth (m.)	Station 61			Station 62		
	Cruise		Avg.	Cruise		Avg.
	1	5		1	5	
0	36.06	36.36	36.2	36.17	36.31	36.2
10	36.06	36.35	36.2	36.26	36.37	36.3
20	36.06	36.35	36.2	36.20	36.34	36.3
30	36.02	36.36	36.2	36.20	36.35	36.3
50	35.97	36.36	36.2	36.23	36.36	36.3
75	35.97	36.36	36.2	36.45	36.38	36.4
Avg.	36.0	36.4	36.2	36.3	36.4	36.3
100	35.89	36.30	36.1	36.60	36.36	36.5
150	35.57	35.88	35.7	36.67	36.01	36.3
200	35.47	35.57	35.5	36.64	35.61	36.1
250	35.26	35.34	35.3	36.53	35.35	35.9
300		35.19	35.2	36.40	35.23	35.8
Avg.	35.5	35.7	35.6	36.6	35.7	36.1
400				36.10	35.13	35.6
500				35.75	35.08	35.4
600				35.34		35.3
300						
1000						
Avg.				35.7	35.1	35.5

Depth (m.)	Station 63			Station 64		
	Cruise		Avg.	Cruise		Avg.
	1	5		1	5	
0		36.29	36.3		36.31	36.3
10		36.20	36.2		36.29	36.3
20		36.21	36.2		36.26	36.3
30		36.28	36.3		36.28	36.3
50		36.36	36.4		36.32	36.3
75		36.35	36.3		36.37	36.4
Avg.		36.3	36.3		36.3	36.3
100		36.32	36.3		36.40	36.4
150		36.00	36.0		36.34	36.3
200		35.63	35.6		35.75	35.7
250		35.43	35.4			
300		35.28	35.3			
Avg.		35.7	35.7		36.2	36.2
400		35.12	35.1			
500		35.08	35.1			
600		35.08	35.1			
800						
1000						
Avg.		35.1	35.1			

Table 23.--Salinities (‰), by station, winter season, northern offshore--
Continued

Station 72				Station 73			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	1	5		1	5		
0	36.44		36.4				
10	36.27		36.3				
20	36.27		36.3				
30	36.28		36.3				
50	36.38		36.4				
75	36.72		36.7				
Avg.	36.4		36.4				
100	36.82		36.8				
150	36.48		36.5				
200	36.07		36.1				
250	35.94		35.9				
300	35.82		35.8				
Avg.	36.2		36.2				
400	35.64		35.6				
500	35.53		35.5				
600							
800							
1000							
Avg.	35.6		35.6				

Station 74				Station 79			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	1	5		1	5		
0	36.36		36.4				
10	36.30		36.3				
20	36.28		36.3				
30	36.29		36.3				
50	36.28		36.3				
75	36.27		36.3				
Avg.	36.3		36.3				
100	36.33		36.3				
150	36.22		36.2				
200							
250							
300							
Avg.	36.3		36.3				
400							
500							
600							
800							
1000							
Avg.							

Table 24.--Salinities (‰), by station, spring season, southern inner shelf

Station 3				Station 4			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	2	6		2	6		
0	36.26	35.79	36.0	36.30	36.02	36.2	
10	36.30	35.77	36.0	36.27	36.00	36.1	
20							
Avg.	36.3	35.8	36.0	36.3	36.0	36.1	
Station 11				Station 12			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	2	6		2	6		
0	36.27	35.84	36.1	36.24	36.08	36.2	
10				36.27	36.04	36.2	
20							
Avg.	36.3	35.8	36.1	36.3	36.1	36.2	
Station 13				Station 21			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	2	6		2	6		
0	36.22	35.68	35.9	35.97		36.0	
10	36.24	35.76	36.0	35.95		35.9	
20							
Avg.	36.2	35.7	36.0	36.0		36.0	
Station 22				Station			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	2	6					
0	36.00		36.0				
10	35.99		36.0				
20							
Avg.	36.0		36.0				
Station				Station			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
0							
10							
20							
Avg.							

Table 25.---Salinities (‰), by station, spring season, southern outer shelf

Station 5				Station 10			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	2	6		2	6		
0	36.30	36.01	36.2	36.29	36.17	36.2	
10	36.26	36.18	36.2	36.26	36.17	36.2	
20	36.12	36.30	36.2	36.11	36.22	36.2	
30	36.08	36.20	36.1		36.34	36.3	
50							
75							
Avg.	36.2	36.2	36.2	36.2	36.2	36.2	
100							
150							
200							
Avg.							

Station 14				Station 19			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	2	6		2	6		
0	36.35	36.16	36.3	36.33		36.3	
10	36.33	36.15	36.2	36.34		36.3	
20	36.31	36.25	36.3	36.27		36.3	
30	36.29	36.33	36.3	36.19		36.2	
50		36.33	36.3				
75							
Avg.	36.3	36.2	36.3	36.3		36.3	
100							
150							
200							
Avg.							

Station 20				Station			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	2	6					
0	36.36		36.4				
10	36.36		36.4				
20	36.29		36.3				
30							
50							
75							
Avg.	36.3		36.3				
100							
150							
200							
Avg.							

Table 26.--Salinities (‰), by station, spring season, southern offshore

Depth (m.)	Station 1			Station 2		
	Cruise		Avg.	Cruise		Avg.
	2	6		2	6	
0	36.10	36.00	36.1	36.25	36.06	36.2
10	36.06	36.00	36.0	36.23	36.06	36.1
20	36.07	36.00	36.0	36.27	36.00	36.1
30	36.06	36.00	36.0	36.31	36.00	36.2
50	36.07	36.00	36.0	36.34	36.03	36.2
75	36.16	36.02	36.1	36.32	36.15	36.2
Avg.	36.1	36.0	36.0	36.3	36.1	36.2
100	36.35	36.15	36.3	36.14	36.30	36.2
150	36.72	36.71	36.7	35.54	36.72	36.1
200	36.63	36.67	36.7		36.32	36.3
250	36.31	36.54	36.4		36.05	36.1
300	36.06	36.41	36.2		35.81	35.8
Avg.	36.4	36.5	36.5	35.8	36.2	36.1
400	35.53	36.14	35.8		35.39	35.4
500		35.82	35.8		35.14	35.1
600		35.43	35.4			
800						
1000						
Avg.	35.5	35.8	35.7		35.3	35.3

Depth (m.)	Station 6			Station 7		
	Cruise		Avg.	Cruise		Avg.
	2	6		2	6	
0	36.18	36.01	36.1	36.13	35.99	36.1
10	36.12	36.00	36.1	36.12	35.99	36.1
20	36.09	36.00	36.0	36.09	35.99	36.0
30	36.09	36.00	36.0	36.09	35.98	36.0
50	36.13	36.09	36.1	36.08	35.97	36.0
75	36.28	36.24	36.3	36.26	35.98	36.1
Avg.	36.1	36.1	36.1	36.1	36.0	36.1
100	36.38	36.27	36.3	36.46	36.10	36.3
150	36.43	36.33	36.4	36.70	36.66	36.7
200	36.28	36.32	36.3	36.62	36.69	36.7
250	36.01		36.0	36.47	36.53	36.5
300				36.30	36.36	36.3
Avg.	36.3	36.3	36.3	36.5	36.5	36.5
400				35.84	36.00	35.9
500						
600						
800						
1000						
Avg.				35.8	36.0	35.9

Table 26.--Salinities (‰), by station, spring season, southern offshore--
Continued

Station 8				Station 9			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	2	6		2	6		
0	36.07	35.99	36.0	36.12	36.09	36.1	
10	36.06	35.99	36.0	36.10	36.07	36.1	
20	36.10	35.99	36.0	36.13	36.06	36.1	
30	36.10	36.00	36.1	36.13	36.06	36.1	
50	36.07	36.03	36.1	36.21	36.07	36.1	
75	36.36	36.06	36.2	36.36	36.27	36.3	
Avg.	36.1	36.0	36.1	36.2	36.1	36.1	
100	36.57	36.13	36.3	36.42	36.46	36.4	
150	36.64	36.57	36.6	36.44	36.46	36.5	
200	36.60	36.73	36.7	36.21	36.39	36.3	
250	36.46	36.56	36.5		35.90	35.9	
300	36.27	36.27	36.3				
Avg.	36.5	36.5	36.5	36.4	36.3	36.3	
400	35.88	35.79	35.8				
500	35.49	35.34	35.4				
600	35.14	35.07	35.1				
800							
1000							
Avg.	35.5	35.4	35.5				

Station 15				Station 16			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	2	6		2	6		
0	36.08	36.06	36.1	36.08	36.09	36.1	
10	36.09	36.06	36.1	36.08	36.08	36.1	
20	36.08	36.09	36.1	36.04	36.07	36.1	
30	36.06	36.09	36.1	36.25	36.07	36.2	
50	36.06	36.09	36.1	36.54	36.08	36.3	
75	36.23	36.14	36.2	36.62	36.10	36.4	
Avg.	36.1	36.1	36.1	36.3	36.1	36.2	
100	36.39	36.32	36.4	36.67	36.21	36.4	
150	36.65	36.55	36.6	36.67	36.66	36.7	
200	36.61	36.39	36.5	36.58	36.76	36.7	
250	36.54	36.29	36.4	36.51	36.72	36.6	
300	36.45	36.06	36.3	36.44	36.61	36.5	
Avg.	36.5	36.3	36.4	36.6	36.6	36.6	
400	36.15	35.46	35.8	36.27	36.20	36.2	
500	35.77	35.11	35.4	36.86	35.71	36.3	
600	35.32		35.3	35.47	35.32	35.4	
800							
1000							
Avg.	35.7	35.3	35.6	36.2	35.7	36.0	

Table 26.--Salinities (‰), by station, spring season, southern offshore--
Continued

Depth (m.)	Station 17			Station 18		
	Cruise		Avg.	Cruise		Avg.
	2	6		2	6	
0	36.13	36.11	36.1	36.12		36.1
10	36.09	36.11	36.1	36.10		36.1
20	36.13	36.11	36.1	36.13		36.1
30	36.20	36.12	36.2	36.20		36.2
50	36.43	36.16	36.3	36.35		36.3
75	36.67	36.22	36.4	36.43		36.4
Avg.	36.3	36.1	36.2	36.2		36.2
100	36.68	36.38	36.5	36.40		36.4
150	36.63	36.71	36.7	36.40		36.4
200	36.60	36.77	36.7			
250	36.55	36.67	36.6			
300	36.47	36.52	36.5			
Avg.	36.6	36.6	36.6	36.4		36.4
400	36.10	36.19	36.1			
500	35.62	35.94	35.8			
600	35.20	35.60	35.4			
800						
1000						
Avg.	35.6	35.9	35.8			

Depth (m.)	Station			Station		
	Cruise		Avg.	Cruise		Avg.
0						
10						
20						
30						
50						
75						
Avg.						
100						
150						
200						
250						
300						
Avg.						
400						
500						
600						
800						
1000						
Avg.						

Table 27.--Salinities (‰), by station, spring season, central inner shelf

Station 23				Station 34			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	2	6		2	6		
0	35.58		35.6	34.70		34.7	
10	35.62		35.6	34.75		34.7	
20							
Avg.	35.6		35.6	34.7		34.7	
Station 35				Station 36			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	2	6		2	6		
0	34.69		34.7	34.61		34.6	
10	34.86		34.9	34.69		34.7	
20							
Avg.	34.8		34.8	34.7		34.7	
Station 44				Station 45			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	2	6		2	6		
0	33.58		33.6	33.44		33.4	
10	34.36		34.4	34.75		34.7	
20							
Avg.	34.0		34.0	34.1		34.1	
Station 46				Station 55			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	2	6		2	6		
0	33.91		33.9	33.77		33.8	
10				35.70		35.7	
20							
Avg.	33.9		33.9	34.7		34.7	
Station 56				Station			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	2	6					
0	33.49		33.5				
10							
20							
Avg.	33.5		33.5				

Table 28.--Salinities (‰), by station, spring season, central outer shelf

Station 24				Station 25			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	2	6		2	6		
0	36.13		36.1	36.36		36.4	
10	36.13		36.1	36.30		36.3	
20	36.22		36.2	36.24		36.2	
30							
50							
75							
Avg.	36.2		36.2	36.3		36.3	
100							
150							
200							
Avg.							

Station 26				Station 31			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	2	6		2	6		
0	36.35		36.3	36.37		36.4	
10	36.33		36.3	36.40		36.4	
20	36.33		36.3	36.39		36.4	
30	36.36		36.4	36.40		36.4	
50	36.35		36.3				
75	36.17		36.2				
Avg.	36.3		36.3	36.4		36.4	
100	35.81		35.8				
150							
200							
Avg.	35.8		35.8				

Station 32				Station 33			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	2	6		2	6		
0	36.10		36.1	35.17		35.2	
10	36.13		36.1	35.37		35.4	
20	36.22		36.2				
30	36.22		36.2				
50							
75							
Avg.	36.2		36.2	35.3		35.3	
100							
150							
200							
Avg.							

Table 28.--Salinities (‰), by station, spring season, central outer shelf--
Continued

Station 37				Station 38			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	2	6		2	6		
0	34.63		34.6	35.70		35.7	
10	34.69		34.7	35.71		35.7	
20				35.89		35.9	
30				36.15		36.1	
50							
75							
Avg.	34.7		34.7	35.9		35.9	
100							
150							
200							
Avg.							

Station 42				Station 43			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	2	6		2	6		
0	34.85		34.9				
10	34.81		34.8				
20	35.02		35.0	36.14		36.1	
30	35.61		35.6				
50	36.07		36.1				
75	35.96		36.0				
Avg.	35.4		35.4	36.1		36.1	
100	36.68		35.7				
150							
200							
Avg.	35.7		35.7				

Station 47				Station 48			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	2	6		2	6		
0	34.56		34.6	36.26		36.3	
10	34.78		34.8	36.27		36.3	
20	35.99		36.0	36.34		36.3	
30				36.35		36.3	
50				36.35		36.3	
75				36.28		36.3	
Avg.	35.1		35.1	36.3		36.3	
100				36.17		36.2	
150				35.80		35.8	
200				35.35		35.3	
Avg.				35.8		35.8	

Table 28.--Salinities (‰), by station, spring season, central outer shelf
Continued

	Station 53				Station 54		
Depth	Cruise				Cruise		
(m.)	2	6	Avg.		2	6	Avg.
0	36.35		36.3		34.25		34.3
10	36.35		36.3		35.93		35.9
20	36.34		36.3		36.15		36.1
30	36.38		36.4				
50	36.43		36.4				
75	36.41		36.4				
Avg.	36.4		36.4		35.4		35.4
100	36.36		36.4				
150	35.95		35.9				
200							
Avg.	36.2		36.2				

Station			Station		
Depth (m.)	Cruise	Avg.	Cruise	Avg.	
0					
10					
20					
30					
50					
75					
Avg.					
100					
150					
200					
Avg.					

Station			Station		
Depth	Cruise	Avg.	Cruise	Avg.	
(m.)					
0					
10					
20					
30					
50					
75					
Avg.					
100					
150					
200					
Avg.					

Table 29.--Salinities (‰), by station, spring season, central offshore

Depth (m.)	Station 27			Station 28		
	Cruise		Avg.	Cruise		Avg.
	2	6		2	6	
0	36.15		36.1	36.21		36.2
10	36.13		36.1	36.20		36.2
20	36.13		36.1	36.20		36.2
30	36.13		36.1	36.20		36.2
50	36.40		36.4	36.37		36.4
75	36.62		36.6	36.61		36.6
Avg.	36.3		36.3	36.3		36.3
100	36.68		36.7	36.62		36.6
150	36.58		36.6	36.67		36.7
200	36.32		36.3	36.66		36.7
250	36.04		36.0	36.62		36.6
300				36.54		36.5
Avg.	36.4		36.4	36.6		36.6
400				36.28		36.3
500				35.91		35.9
600						
800						
1000						
Avg.				36.1		36.1

Depth (m.)	Station 29			Station 30		
	Cruise		Avg.	Cruise		Avg.
	2	6		2	6	
0	36.21		36.2	36.26		36.3
10	36.19		36.2	36.27		36.3
20	36.20		36.2	36.30		36.3
30	36.21		36.2	36.37		36.4
50	36.38		36.4	36.60		36.6
75	36.56		36.6	36.71		36.7
Avg.	36.3		36.3	36.4		36.4
100	36.63		36.6	36.57		36.6
150	36.74		36.7	36.37		36.4
200	36.72		36.7	36.22		36.2
250	36.64		36.6	35.95		35.9
300	36.50		36.5	35.64		35.6
Avg.	36.6		36.6	36.1		36.1
400	36.02		36.0			
500	35.30		35.3			
600						
800						
1000						
Avg.	35.7		35.7			

Table 29.--Salinities (‰), by station, spring season, central offshore--
Continued

Station 39				Station 40			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	2	6		2	6		
0	36.36		36.4	36.13		36.1	
10	36.36		36.4	36.13		36.1	
20	36.36		36.4	36.13		36.1	
30	36.35		36.3	36.13		36.1	
50	36.26		36.3	36.19		36.2	
75	36.02		36.0	36.34		36.3	
Avg.	36.3		36.3	36.2		36.2	
100	35.84		35.8	36.48		36.5	
150	35.69		35.7	36.60		36.6	
200	35.41		35.4	36.59		36.6	
250				36.53		36.5	
300				36.47		36.5	
Avg.	35.6		35.6	36.5		36.5	
400				36.11		36.1	
500							
600							
800							
1000							
Avg.				36.1		36.1	

Station 41				Station 49			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	2	6		2	6		
0	36.18		36.2	36.11		36.1	
10	36.17		36.2	36.15		36.1	
20	36.13		36.1	36.19		36.2	
30	36.11		36.1	36.24		36.2	
50	36.24		36.2	36.22		36.2	
75	36.45		36.5	36.06		36.1	
Avg.	36.2		36.2	36.2		36.2	
100	36.67		36.7	35.91		35.9	
150	36.59		36.6	35.59		35.6	
200	36.10		36.1	35.21		35.2	
250				34.97		35.0	
300							
Avg.	36.5		36.5	35.4		35.4	
400							
500							
600							
800							
1000							
Avg.							

Table 30.--Salinities (‰), by station, spring season, northern inner shelf

Station 57				Station 58			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	2	6		2	6		
0	33.66		33.7	33.76		33.8	
10	33.75		33.7	35.29		35.3	
20							
Avg.	33.7		33.7	34.5		34.5	
Station 67				Station 68			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	2	6		2	6		
0	34.22		34.2	34.76		34.8	
10	35.71		35.7	34.76		34.8	
20							
Avg.	35.0		35.0	34.8		34.8	
Station 69				Station 76			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	2	6		2	6		
0	34.60		34.6				
10	34.63		34.6				
20							
Avg.	34.6		34.6				
Station 77				Station			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	2	6					
0	35.62		35.6				
10	35.62		35.6				
20							
Avg.	35.6		35.6				
Station				Station			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
0							
10							
20							
Avg.							

Table 31.--Salinities (‰), by station, spring season, northern outer shelf

Station 59				Station 60			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	2	6		2	6		
0	35.10		35.1	35.65		35.7	
10	35.32		35.3	35.80		35.8	
20				36.15		36.1	
30				36.24		36.2	
50				36.34		36.3	
75				36.31		36.3	
Avg.	35.2		35.2	36.1		36.1	
100				36.11		36.1	
150				35.84		35.8	
200				35.64		35.6	
Avg.				35.9		35.9	

Station 65				Station 66			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	2	6		2	6		
0	35.59		35.6	34.36		34.4	
10	35.64		35.6	34.85		34.9	
20	36.08		36.1	36.19		36.2	
30	36.42		36.4				
50							
75							
Avg.	35.9		35.9	35.1		35.1	
100							
150							
200							
Avg.							

Station 70				Station 71			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	2	6		2	6		
0	34.60		34.6	36.36		36.4	
10	34.61		34.6	36.33		36.3	
20	35.68		35.7	36.36		36.4	
30				36.36		36.4	
50				36.36		36.4	
75				36.38		36.4	
Avg.	35.0		35.0	36.4		36.4	
100				36.42		36.4	
150							
200							
Avg.				36.4		36.4	

Table 3L--Salinities (‰), by station, spring season, northern outer shelf--
Continued

Depth (m.)	Station 75			Station 78		
	Cruise		Avg.	Cruise		Avg.
	2	6		2	6	
0	35.64		35.6	35.07		35.1
10	35.61		35.6	35.07		35.1
20	35.61		35.6	35.12		35.1
30	36.02		36.0			
50						
75						
Avg.	35.7		35.7	35.1		35.1
100						
150						
200						
Avg.						

Depth (m.)	Station			Station		
	Cruise		Avg.	Cruise		Avg.
0						
10						
20						
30						
50						
75						
Avg.						
100						
150						
200						
Avg.						

Depth (m.)	Station			Station		
	Cruise		Avg.	Cruise		Avg.
0						
10						
20						
30						
50						
75						
Avg.						
100						
150						
200						
Avg.						

Table 32.--Salinities (‰), by station, spring season, northern offshore

Depth (m.)	Station 61			Station 62		
	Cruise		Avg.	Cruise		Avg.
	2	6		2	6	
0	36.20		36.2	36.24		36.2
10	36.18		36.2	36.27		36.3
20	36.18		36.2	36.29		36.3
30	36.14		36.1	36.32		36.3
50	35.99		36.0	36.43		36.4
75	35.66		35.7	36.44		36.4
Avg.	36.1		36.1	36.3		36.3
100	35.39		35.4	36.43		36.4
150	35.21		35.2	36.58		36.6
200	35.15		35.1	36.39		36.4
250	35.07		35.1	36.29		36.3
300	35.01		35.0	36.20		36.2
Avg.	35.2		35.2	36.4		36.4
400	34.99		35.0	36.14		36.1
500						
600						
800						
1000						
Avg.	35.0		35.0	36.1		36.1

Depth (m.)	Station 63			Station 64		
	Cruise		Avg.	Cruise		Avg.
	2	6		2	6	
0	36.36		36.4	36.24		36.2
10	36.38		36.4	36.24		36.2
20	36.36		36.4	36.40		36.4
30	36.35		36.3	36.40		36.4
50	36.37		36.4	36.40		36.4
75	36.40		36.4			
Avg.	36.4		36.4	36.3		36.3
100	36.04		36.0			
150	35.80		35.8			
200						
250						
300						
Avg.	35.9		35.9			
400						
500						
600						
800						
1000						
Avg.						

Table 32.--Salinities (‰), by station, spring season, northern offshore--
Continued

	Station 72			Station 73		
Depth (m.)	Cruise		Avg.	Cruise		Avg.
	2	6		2	6	
0	36.29		36.3	36.11		36.1
10	36.32		36.3	36.10		36.1
20	36.35		36.3	36.11		36.1
30	36.43		36.4	36.16		36.2
50	36.46		36.5	36.27		36.3
75	36.46		36.5	36.43		36.4
Avg.	36.4		36.4	36.2		36.2
100	36.43		36.4	36.54		36.5
150	36.06		36.1	36.65		36.7
200	35.84		35.8	36.65		36.7
250	35.73		35.7	36.56		36.6
300	35.62		35.6	36.46		36.5
Avg.	35.9		35.9	36.6		36.6
400	35.14		35.1	36.18		36.2
500						
600						
800						
1000						
Avg.	35.1		35.1	36.2		36.2

	Station 74			Station 79		
Depth	Cruise			Cruise		
(m)	2	6	Avg.	2	6	Avg.
0	36.15		36.1	36.27		36.3
10	36.13		36.1	36.27		36.3
20	36.10		36.1	36.16		36.2
30	36.16		36.2	36.27		36.3
50	36.28		36.3	36.35		36.3
75	36.44		36.4	36.49		36.5
Avg.	36.2		36.2	36.3		36.3
100	36.54		36.5	36.49		36.5
150	36.53		36.5	36.40		36.4
200	36.50		36.5	36.11		36.1
250	36.37		36.4	35.76		35.8
300	36.08		36.1	35.45		35.5
Avg.	36.4		36.4	36.0		36.0
400	35.52		35.5			
500	35.16		35.2			
600	35.08		35.1			
800	34.99		35.0			
1000	34.97		35.0			
Avg.	35.1		35.1			

Table 32.--Salinities (‰), by station, spring season, northern offshore--
Continued

	Station 80			Station		
Depth	Cruise			Cruise		
(m.)	2	6	Avg.			Avg.
0	36.17		36.2			
10	36.15		36.1			
20	36.18		36.2			
30	36.19		36.2			
50	36.23		36.2			
75	36.33		36.3			
Avg.	36.2		36.2			
100	36.41		36.4			
150	36.52		36.5			
200	36.55		36.5			
250	36.54		36.5			
300	36.50		36.5			
Avg.	36.5		36.5			
400	36.32		36.3			
500	36.01		36.0			
600	35.61		35.6			
800	35.07		35.1			
1000	35.02		35.0			
Avg.	35.6		35.6			

	Station		Station	
Depth	Cruise		Cruise	
(m.)		Avg.		Avg.
0				
10				
20				
30				
50				
75				
Avg.				
100				
150				
200				
250				
300				
Avg.				
400				
500				
600				
800				
1000				
Avg.				

Table 33.--Salinities (‰), by station, summer season, southern inner shelf

Station 3					Station 4				
Depth (m.)	Cruise			Avg.	Cruise			Avg.	
	3	7	8		3	7	8		
0	35.73	33.97	34.98	34.9	36.00	36.03	35.94	36.0	
10	35.75	35.29	35.40	35.5	36.00	35.75	35.94	35.9	
20							35.94	35.9	
Avg.	35.7	34.6	35.2	35.2	36.0	35.9	35.9	35.9	
Station 11					Station 12				
Depth (m.)	Cruise			Avg.	Cruise			Avg.	
	3	7	8		3	7	8		
0	36.13	36.07	36.15	36.1	35.93	36.07	35.91	36.0	
10			36.17	36.2	35.97	36.06	35.97	36.0	
20									
Avg.	36.1	36.1	36.2	36.1	35.9	36.1	35.9	36.0	
Station 13					Station 21				
Depth (m.)	Cruise			Avg.	Cruise			Avg.	
	3	7	8		3	7	8		
0	35.97	36.06	36.26	36.1	35.73	35.46	36.27	35.8	
10	36.01	36.00	36.21	36.1	35.91	35.54	36.27	35.9	
20									
Avg.	36.0	36.0	36.2	36.1	35.8	35.5	36.3	35.9	
Station 22					Station				
Depth (m.)	Cruise			Avg.	Cruise			Avg.	
	3	7	8						
0	35.61	35.52	36.15	35.8					
10	35.86	35.53	36.18	35.9					
20									
Avg.	35.7	35.5	36.2	35.8					
Station					Station				
Depth (m.)	Cruise			Avg.	Cruise			Avg.	
0									
10									
20									
Avg.									

Table 34.--Salinities (‰), by station, summer season, southern outer shelf

Depth (m.)	Station 5				Station 10			
	Cruise			Avg.	Cruise			Avg.
	3	7	8		3	7	8	
0	35.99	35.54	35.98	35.8	36.09	35.86	35.93	36.0
10	36.25	35.98	36.04	36.1	36.12	36.08	35.97	36.1
20	36.25	36.36	35.97	36.2	36.11	36.19	35.99	36.1
30	36.22			36.2				
50								
75								
Avg.	36.2	36.0	36.0	36.1	36.1	36.0	36.0	36.0
100								
150								
200								
Avg.								

Depth (m.)	Station 14				Station 19			
	Cruise			Avg.	Cruise			Avg.
	3	7	8		3	7	8	
0	36.04	36.11	36.02	36.1	36.02	36.11	35.86	36.0
10	36.02	36.15	35.99	36.1	36.02	36.13	35.95	36.0
20	36.08	36.12	35.95	36.1	36.02	36.11	36.03	36.1
30	36.22	36.11	35.98	36.1	36.26	36.11	36.03	36.1
50	36.35	36.11	36.09	36.2				
75								
Avg.	36.1	36.1	36.0	36.1	36.1	36.1	36.0	36.1
100								
150								
200								
Avg.								

Depth (m.)	Station 20				Station	
	Cruise			Avg.	Cruise	
	3	7	8			Avg.
0	36.00	35.91	36.31	36.1		
10	36.02	35.93	36.29	36.1		
20	36.02	35.96	36.29	36.1		
30						
50						
75						
Avg.	36.0	35.9	36.3	36.1		
100						
150						
200						
Avg.						

Table 35.--Salinities (‰), by station, summer season, southern offshore

Depth (m.)	Station 1				Station 2			
	Cruise			Avg.	Cruise			Avg.
	3	7	8		3	7	8	
0	35.97	36.02	36.30	36.1	35.88	35.66	36.09	35.9
10	35.93	36.08	36.27	36.1	35.88	35.89	36.09	36.0
20	35.95	36.03	36.27	36.1	35.88	36.13	36.06	36.0
30	35.96	36.02	36.27	36.1	35.90	36.22	36.09	36.1
50	35.98	36.00	36.30	36.1	35.97	36.34	36.15	36.2
75	36.19	36.32	36.44	36.3	36.23	36.36	36.22	36.3
Avg.	36.0	36.1	36.3	36.1	36.0	36.1	36.1	36.1
100	36.36	36.55	36.54	36.5	36.44	36.38	36.35	36.4
150	36.61	36.78	36.66	36.7	36.59	36.43	36.76	36.6
200	36.63	36.63	36.69	36.7	36.32	36.25	36.66	36.4
250	36.53	36.59	36.63	36.6	35.85	35.94	36.37	36.1
300	36.45	36.47	36.54	36.5		35.63	36.10	35.9
Avg.	36.5	36.6	36.6	36.6	36.3	36.1	36.4	36.3
400	36.21	36.01	36.25	36.2		35.04	35.64	35.3
500		35.68		35.7			35.08	35.1
600								
800								
1000								
Avg.	36.2	35.8	36.3	36.0		35.0	35.4	35.3

Depth (m.)	Station 6				Station 7			
	Cruise			Avg.	Cruise			Avg.
	3	7	8		3	7	8	
0	35.84	35.93	36.13	36.0	35.97	35.85	36.16	36.0
10	35.84	36.08	36.13	36.0	35.99	35.82	36.19	36.0
20	35.87	36.12	36.13	36.0	35.97	35.96	36.14	36.0
30	35.89	36.17	36.14	36.1	35.98	35.96	36.18	36.0
50	35.98	36.26	36.22	36.2	36.00	36.02	36.26	36.1
75	36.13	36.37	36.35	36.3	36.21	36.37	36.38	36.3
Avg.	35.9	36.2	36.2	36.1	36.0	36.0	36.2	36.1
100	36.32	36.46	36.48	36.4	36.42	36.58	36.50	36.5
150	36.64	36.56	36.76	36.7	36.64	36.70	36.73	36.7
200	36.43	36.30	36.31	36.3	36.64	36.69	36.69	36.7
250	36.07	36.14	35.91	36.0	36.51	36.58	36.59	36.6
300	35.61	35.92	35.57	35.7	36.44	36.45	36.45	36.4
Avg.	36.2	36.3	36.2	36.2	36.5	36.6	36.6	36.6
400					36.27	36.11	36.07	36.1
500					35.66		35.77	35.7
600								
800								
1000								
Avg.					36.0	36.1	35.9	36.0

Table 35.--Salinities (‰), by station, summer season, southern offshore--
Continued

Station 8					Station 9				
Depth (m.)	Cruise			Avg.	Cruise			Avg.	
	3	7	8		3	7	8		
0	35.94	35.82	36.18	36.0	35.93	35.99	36.02	36.0	
10	35.95	35.79	36.22	36.0	35.91	35.98	36.01	36.0	
20	35.96	35.82	36.20	36.0	35.91	35.95	36.07	36.0	
30	35.99	35.88	36.18	36.0	35.91	35.97	36.11	36.0	
50	36.03	36.02	36.19	36.1	35.92	36.11	36.18	36.1	
75	36.05	36.29	36.27	36.2	36.07	36.35	36.26	36.2	
Avg.	36.0	35.9	36.2	36.0	35.9	36.1	36.1	36.0	
100	36.13	36.50	36.39	36.3	36.37	36.45	36.38	36.4	
150	36.59	36.73	36.64	36.7	36.14	36.59	36.55	36.4	
200	36.66	36.71	36.64	36.7		36.55	36.26	36.4	
250	36.59	36.60	36.63	36.6		36.28	35.82	36.1	
300	36.36	36.51	36.54	36.5		35.80	35.52	35.7	
Avg.	36.5	36.6	36.6	36.5	36.3	36.3	36.1	36.2	
400	35.97	36.25	36.18	36.1					
500	35.57	35.58	35.73	35.6					
600	35.21	35.16		35.2					
800									
1000									
Avg.	35.6	35.7	36.0	35.7					

Station 15					Station 16				
Depth (m.)	Cruise			Avg.	Cruise			Avg.	
	3	7	8		3	7	8		
0	35.84	35.70	35.98	35.8	35.95	36.27	36.13	36.1	
10	35.88	35.70	35.99	35.9	35.93	36.13	36.15	36.1	
20	35.91	35.71	36.02	35.9	35.94	36.09	36.18	36.1	
30	35.95	35.76	36.06	35.9	35.95	36.09	36.20	36.1	
50	35.99	35.95	36.14	36.0	35.99	36.09	36.22	36.1	
75	36.01	36.25	36.24	36.2	36.08	36.39	36.36	36.3	
Avg.	35.9	35.8	36.1	35.9	36.0	36.2	36.2	36.1	
100	36.11	36.54	36.36	36.3	36.18	36.60	36.47	36.4	
150	36.51	36.72	36.58	36.6	36.51	36.74	36.63	36.6	
200	36.60	36.63	36.21	36.5	36.65	36.77	36.60	36.7	
250	36.33	36.41	36.06	36.3	36.53	36.66	36.60	36.6	
300	35.81	35.98	35.76	35.9	36.40	36.56	36.58	36.5	
Avg.	36.3	36.5	36.2	36.3	36.5	36.7	36.6	36.6	
400	35.32	35.32		35.3	36.15	36.36	36.44	36.3	
500		34.99		35.0	35.81	35.84	36.08	35.9	
600					35.26	35.44	35.63	35.4	
800					34.95			34.9	
1000									
Avg.	35.3	35.2	35.3	35.2	35.5	35.9	36.1	35.8	

Table 35.--Salinities (‰), by station, summer season, southern offshore--
Continued

Station 17

Station 18

Depth (m.)	Cruise				Cruise			
	3	7	8	Avg.	3	7	8	Avg.
0	35.93	35.96	36.21	36.0	35.91	35.95	36.07	36.0
10	35.89	35.96	36.14	36.0	35.90	35.95	36.06	36.0
20	35.87	36.07	36.18	36.0	35.91	36.00	36.05	36.0
30	35.94	36.07	36.18	36.1	35.95	36.00	36.07	36.0
50	36.02	36.08	36.22	36.1	36.04	36.09	36.11	36.1
75	36.04	36.17	36.41	36.2	36.17	36.27	36.19	36.2
Avg.	35.9	36.1	36.2	36.1	36.0	36.0	36.1	36.0
100	36.17	36.30	36.56	36.3	36.32	36.43	36.33	36.4
150	36.55	36.67	36.64	36.6	36.34	36.44	36.45	36.4
200	36.60	36.76	36.67	36.7	35.80	36.24	36.06	36.0
250	36.50	36.68	36.66	36.6		35.93	35.49	35.7
300	36.39	36.52	36.57	36.5		35.59	35.28	35.4
Avg.	36.4	36.6	36.6	36.5	36.2	36.1	35.9	36.1
400	36.22	36.00	36.17	36.1			35.13	35.1
500	35.60	35.73	35.61	35.6				
600	35.17	35.47	35.22	35.3				
300								
1000								
Avg.	35.7	35.7	35.7	35.7			35.1	35.1

Station

Station

Depth (m.)	Cruise				Cruise			
				Avg.				Avg.
0								
10								
20								
30								
50								
75								
Avg.								
100								
150								
200								
250								
300								
Avg.								
400								
500								
600								
800								
1000								
Avg.								

Table 36.--Salinities (‰), by station, summer season, central inner shelf

Station 23					Station 34				
Depth (m.)	Cruise			Avg.	Cruise			Avg.	
	3	7	8		3	7	8		
0	35.48	35.11	35.86	35.5	35.44	34.78	35.71	35.3	
10	35.75	35.21	35.85	35.6	35.43	34.78	35.75	35.3	
20									
Avg.	35.6	35.2	35.9	35.5	35.4	34.8	35.7	35.3	
Station 35					Station 36				
Depth (m.)	Cruise			Avg.	Cruise			Avg.	
	3	7	8		3	7	8		
0	35.26	34.52	36.04	35.3	34.87	34.20	36.06	35.0	
10	35.63	34.61	36.05	35.4	35.16	34.42	35.92	35.2	
20									
Avg.	35.4	34.6	36.0	35.4	35.0	34.3	36.0	35.1	
Station 44					Station 45				
Depth (m.)	Cruise			Avg.	Cruise			Avg.	
	3	7	8		3	7	8		
0	34.97	35.64	36.08	35.6	35.01	34.20	36.16	35.1	
10	34.96	35.39	36.07	35.5	35.16	35.17		35.2	
20									
Avg.	35.0	35.5	36.1	35.5	35.1	34.7	36.2	35.1	
Station 46					Station 55				
Depth (m.)	Cruise			Avg.	Cruise			Avg.	
	3	7	8		3	7	8		
0	35.05		35.89	35.5	35.33	35.52	36.03	35.6	
10					35.48	35.57	36.05	35.7	
20									
Avg.	35.1		35.9	35.5	35.4	35.5	36.0	35.7	
Station 56					Station				
Depth (m.)	Cruise			Avg.	Cruise			Avg.	
	3	7	8						
0	34.74		35.51	35.1					
10									
20									
Avg.	34.7		35.5	35.1					

Table 37.--Salinities (‰), by station, summer season, central outer shelf

Station 24					Station 25				
Depth (m.)	Cruise			Avg.	Cruise			Avg.	
	3	7	8		3	7	8		
0	35.89	35.52	36.47	36.0	35.91	36.02	36.47	36.1	
10	35.86	35.55	36.48	36.0	35.90	36.05	36.47	36.1	
20	35.91			35.9	36.06	36.06	36.44	36.2	
30									
50									
75									
Avg.	35.9	35.5	36.5	36.0	36.0	36.0	36.5	36.2	
100									
150									
200									
Avg.									

Station 26					Station 31				
Depth (m.)	Cruise			Avg.	Cruise			Avg.	
	3	7	8		3	7	8		
0	35.95	35.99	35.61	35.9	35.95	36.04	35.68	35.9	
10	35.95	35.92	35.93	35.9	35.90	35.97	35.90	35.9	
20	36.00	36.03	35.95	36.0	35.99	36.02	36.18	36.1	
30	36.03	36.14	36.06	36.1	36.08	36.07	36.20	36.1	
50	36.07	36.32	36.22	36.2		36.18		36.2	
75	36.06	36.47	36.24	36.3					
Avg.	36.0	36.1	36.0	36.1	36.0	36.1	36.0	36.0	
100	36.04	36.06	36.26	36.1					
150									
200									
Avg.	36.0	36.1	36.3	36.1					

Station 32					Station 33				
Depth (m.)	Cruise			Avg.	Cruise			Avg.	
	3	7	8		3	7	8		
0	35.61	35.79	36.13	35.8	35.91	35.02	36.25	35.7	
10	35.61	35.68	36.11	35.8	35.91	35.10	36.24	35.7	
20	35.80	35.93	36.14	36.0					
30	35.79	36.04	36.14	36.0					
50									
75									
Avg.	35.7	35.9	36.1	35.9	35.9	35.1	36.2	35.7	
100									
150									
200									
Avg.									

Table 37.--Salinities (‰), by station, summer season, central outer shelf--
Continued

Station 37					Station 38				
Depth (m.)	Cruise			Avg.	Cruise			Avg.	
	3	7	8		3	7	8		
0	35.68	35.40	36.20	35.8	35.86	36.17	36.13	36.1	
10	35.64	35.57	36.20	35.8	35.86	36.08	36.10	36.0	
20	35.77	35.73	36.19	35.9	36.10	36.08	36.08	36.1	
30					36.20	36.18	36.09	36.2	
50									
75									
Avg.	35.7	35.6	36.2	35.8	36.0	36.1	36.1	36.1	
100									
150									
200									
Avg.									

Station 42					Station 43				
Depth (m.)	Cruise			Avg.	Cruise			Avg.	
	3	7	8		3	7	8		
0	36.02	36.02		36.0	35.10	36.10	36.02	35.7	
10	36.02	36.04		36.0	35.35	36.11	36.01	35.8	
20	36.17	36.04		36.1	35.84	36.13	36.03	36.0	
30	36.20	36.25		36.2					
50	36.20	36.47		36.3					
75	35.99	36.40		36.2					
Avg.	36.1	36.2		36.1	35.4	36.1	36.0	35.9	
100	35.75	35.94		35.8					
150									
200									
Avg.	35.7	35.9		35.8					

Station 47					Station 48				
Depth (m.)	Cruise			Avg.	Cruise			Avg.	
	3	7	8		3	7	8		
0	35.73		36.15	35.9	36.04	36.58	36.05	36.2	
10	35.39	36.03	36.16	35.9	36.02	36.08	36.04	36.0	
20	35.37	35.90	36.13	35.8	36.04	36.16	36.06	36.1	
30					36.11	36.31	36.15	36.2	
50					36.17	36.44	36.18	36.3	
75					36.04	36.10	35.78	36.0	
Avg.	35.5	36.0	36.1	35.9	36.1	36.3	36.0	36.1	
100					35.86	35.86	35.45	35.7	
150					35.39	35.71	34.97	35.4	
200						36.62	34.95	35.8	
Avg.					35.6	35.7	35.1	35.6	

Table 37.--Salinities (‰), by station, summer season, central outer shelf--
Continued

Station 53					Station 54				
Depth (m.)	Cruise			Avg.	Cruise			Avg.	
	3	7	8		3	7	8		
0	35.43	36.44	36.18	36.0	35.55	35.67	36.23	35.8	
10	35.44	36.02	36.15	35.9	35.59	35.68	36.17	35.8	
20	35.91	36.14	36.13	36.1	36.15	36.00	36.18	36.1	
30	36.09	36.24	36.22	36.2					
50	36.28	36.38	36.31	36.3					
75	36.18	36.28	36.17	36.2					
Avg.	35.9	36.3	36.2	36.1	35.8	35.8	36.2	35.9	
100	36.07	36.17	36.00	36.1					
150		35.95	35.55	35.7					
200									
Avg.	36.1	36.1	35.8	35.9					

Station					Station				
Depth (m.)	Cruise			Avg.	Cruise			Avg.	
0									
10									
20									
30									
50									
75									
Avg.									
100									
150									
200									
Avg.									

Station					Station				
Depth (m.)	Cruise			Avg.	Cruise			Avg.	
0									
10									
20									
30									
50									
75									
Avg.									
100									
150									
200									
Avg.									

Table 38.--Salinities (‰), by station, summer season, central offshore

Station 27					Station 28				
Depth (m.)	Cruise			Avg.	Cruise			Avg.	
	3	7	8		3	7	8		
0	35.88	35.89	36.06	35.9	35.90	36.01	36.15	36.0	
10	35.87	35.91	36.02	35.9	35.90	36.09	36.13	36.0	
20	35.86	36.01	36.02	36.0	35.90	36.07	36.22	36.1	
30	35.91	36.05	36.04	36.0	35.91	36.06	36.24	36.1	
50	35.97	36.15	36.09	36.1	35.97	36.11	36.29	36.1	
75	36.08	36.31	36.20	36.2	36.15	36.27	36.38	36.3	
Avg.	35.9	36.1	36.1	36.0	36.0	36.1	36.2	36.1	
100	36.36	36.43	36.38	36.4	36.29	36.46	36.48	36.4	
150	36.61	36.58	36.60	36.6	36.44	36.57	36.71	36.6	
200	36.37	36.52	36.31	36.4	36.53	36.49	36.74	36.6	
250	36.13	36.29	35.93	36.1	36.55	36.40	36.69	36.5	
300	35.90	35.92	35.64	35.8	36.56	36.31	36.60	36.5	
Avg.	36.3	36.3	36.2	36.3	36.5	36.4	36.6	36.5	
400			35.26	35.3	36.22	36.08	36.27	36.2	
500			35.08	35.1	35.95	35.82	35.78	35.9	
600					35.73		35.39	35.6	
800					34.88			34.9	
1000									
Avg.			35.2	35.2	35.7	35.9	35.8	35.8	

Station 29					Station 30				
Depth (m.)	Cruise			Avg.	Cruise			Avg.	
	3	7	8		3	7	8		
0	35.75	35.78	36.11	35.9	35.82	36.10	36.04	36.0	
10	35.81	35.77	36.14	35.9	35.89	36.07	36.05	36.0	
20	35.84	35.77	36.12	35.9	35.85	36.03	36.06	36.0	
30	35.86	35.77	36.13	35.9	35.88	36.04	36.06	36.0	
50	35.96	35.93	36.16	36.0	36.02	36.25	36.11	36.1	
75	36.25	36.23	36.46	36.3	36.36	36.44	36.23	36.3	
Avg.	35.9	35.9	36.2	36.0	36.0	36.2	36.1	36.1	
100	36.44	36.57	36.65	36.6	36.54	36.44	36.35	36.4	
150	36.49	36.69	36.70	36.6	36.56	36.35	36.29	36.4	
200	36.51	36.64	36.67	36.6	36.41	36.35	36.24	36.3	
250	36.50	36.61	36.63	36.6	36.21	36.32	35.99	36.2	
300	36.42	36.29	36.58	36.4	35.88		35.68	35.8	
Avg.	36.5	36.6	36.6	36.6	36.3	36.4	36.1	36.3	
400	36.08		36.45	36.3	35.39			35.4	
500	35.56		36.17	35.9					
600	35.10		35.77	35.4					
800									
1000									
Avg.	35.6		36.1	35.9	35.4			35.4	

Table 38.--Salinities (‰), by station, summer season, central offshore--
Continued

Station 39					Station 40				
Depth (m.)	Cruise			Avg.	Cruise			Avg.	
	3	7	8		3	7	8		
0	36.04	35.78	36.09	36.0	35.95	35.93		35.9	
10	36.06	35.79	36.06	36.0	35.95	35.88		35.9	
20	36.06	35.94	36.08	36.0	35.93	35.92		35.9	
30	36.06	36.23	36.14	36.1	35.96	35.98		36.0	
50	36.05	36.48	36.25	36.3	36.02	36.02		36.0	
75	35.87	36.46	36.34	36.2	36.13	36.09		36.1	
Avg.	36.0	36.1	36.2	36.1	36.0	36.0		36.0	
100	35.71	36.17	36.34	36.1	36.26	36.36		36.3	
150	35.39	35.96	36.19	35.8	36.60	36.64		36.6	
200	35.11	35.81	35.99	35.6	36.58	36.58		36.6	
250	34.99	35.54	35.47	35.3	36.53	36.44		36.5	
300	34.94	35.30		35.1	36.44	36.27		36.4	
Avg.	35.2	35.8	36.0	35.6	36.5	36.5		36.5	
400					36.14	35.87		36.0	
500					35.86			35.9	
600									
800									
1000									
Avg.					36.0	35.9		36.0	

Station 41					Station 49				
Depth (m.)	Cruise			Avg.	Cruise			Avg.	
	3	7	8		3	7	8		
0	35.93	35.96		35.9	36.06	36.14		36.1	
10	35.90	35.87		35.9	36.04	36.22	36.00	36.1	
20	35.93	35.96		35.9	36.04	36.44	36.26	36.2	
30	35.97	36.11		36.0	36.04	36.30	36.36	36.2	
50	36.00	36.20		36.1	36.10	36.08	36.43	36.2	
75	36.28	36.20		36.2	36.17	36.08	36.14	36.1	
Avg.	36.0	36.1		36.0	36.2	36.2	36.2	36.2	
100	36.56	36.23		36.4	36.17	36.08	35.99	36.1	
150	36.24	35.94		36.1	35.77	36.08	35.99	35.9	
200	35.94	35.62		35.8		35.75		35.7	
250	35.55	35.42		35.5		35.50		35.5	
300	35.21	35.24		35.2		35.32		35.3	
Avg.	35.9	35.7		35.8	36.0	35.7	36.0	35.9	
400									
500									
600									
800									
1000									
Avg.									

Table 38.--Salinities (‰), by station, summer season, central offshore--
Continued

Depth (m.)	Station 50				Station 51			
	Cruise			Avg.	Cruise			Avg.
	3	7	8		3	7	8	
0	35.99	36.10	36.09	36.1	36.01	36.06	35.98	36.0
10	35.99	36.06	36.09	36.0	36.00	36.04	35.99	36.0
20	35.99	35.95	36.05	36.0	35.97	36.10	36.01	36.0
30	35.95	35.93	36.02	36.0	35.95	36.18	36.00	36.0
50	35.94	35.97	36.04	36.0	35.97	36.21	35.99	36.1
75	36.03	36.29	36.17	36.2	36.06	36.13	35.99	36.1
Avg.	36.0	36.1	36.1	36.0	36.0	36.1	36.0	36.0
100	36.24	36.27	36.41	36.3	36.21	35.95	36.03	36.1
150	36.64	36.05	36.68	36.5	36.63	35.65	36.25	36.2
200	36.59	35.83	36.64	36.4	36.64	35.40	36.14	36.1
250	36.41	35.64	36.60	36.2	36.65	35.23	35.84	35.9
300	36.27	35.43	36.44	36.0	36.60	35.15	35.52	35.8
Avg.	36.4	35.8	36.6	36.3	36.5	35.5	36.0	36.0
400	36.01		36.02	36.0		35.02	35.15	35.1
500	35.55		35.68	35.6				
600								
800								
1000								
Avg.	35.8		35.9	35.8		35.0	35.1	35.1

Depth (m.)	Station 52				Station	
	Cruise			Avg.	Cruise	
	3	7	8			Avg.
0	36.04	36.19	36.11	36.1		
10	36.04	36.03	36.12	36.1		
20	36.11	36.05	36.13	36.1		
30	36.18	36.10	36.22	36.2		
50	36.19	36.16	36.29	36.2		
75		36.13	36.09	36.1		
Avg.	36.1	36.1	36.2	36.1		
100		36.06	35.91	36.0		
150		35.80	35.62	35.7		
200		35.59	35.54	35.6		
250		35.38	35.39	35.4		
300		35.16	35.17	35.2		
Avg.		35.6	35.5	35.6		
400						
500						
600						
800						
1000						
Avg.						

Table 39.--Salinities (‰), by station, summer season, northern inner shelf

Station 57					Station 58				
Depth (m.)	Cruise			Avg.	Cruise			Avg.	
	3	7	8		3	7	8		
0	34.43	35.10	36.12	35.2	35.62	35.17	35.88	35.6	
10	35.35	35.12	36.06	35.5	35.61	35.12	35.85	35.5	
20									
Avg.	34.9	35.1	36.1	35.4	35.6	35.1	35.9	35.5	
Station 67					Station 68				
Depth (m.)	Cruise			Avg.	Cruise			Avg.	
	3	7	8		3	7	8		
0	35.62	35.57	36.21	35.8	35.69	35.57	36.24	35.8	
10	35.68	35.41	36.24	35.8	35.70	35.66	36.26	35.9	
20									
Avg.	35.7	35.5	36.2	35.8	35.7	35.6	36.3	35.9	
Station 69					Station 76				
Depth (m.)	Cruise			Avg.	Cruise			Avg.	
	3	7	8		3	7	8		
0	36.06	35.77	36.35	36.1	35.75	35.37		35.6	
10	36.04	35.71	36.31	36.0	35.83	35.70		35.8	
20									
Avg.	36.1	35.7	36.3	36.0	35.8	35.5		35.7	
Station 77					Station				
Depth (m.)	Cruise			Avg.	Cruise			Avg.	
	3	7	8						
0	35.59	35.65	35.23	35.5					
10	35.84	35.99	35.22	35.7					
20	36.11	36.18	35.66	36.0					
Avg.	35.8	35.9	35.4	35.7					
Station					Station				
Depth (m.)	Cruise			Avg.	Cruise			Avg.	
0									
10									
20									
Avg.									

Table 40.--Salinities (‰), by station, summer season, northern outer shelf

Station 59					Station 60				
Depth (m.)	Cruise			Avg.	Cruise			Avg.	
	3	7	8		3	7	8		
0	35.61	35.93	35.91	35.8	35.94	36.07	36.08	36.0	
10	35.61	35.89	36.11	35.9	35.95	36.08	36.11	36.0	
20		36.09		36.1	35.95	36.00	36.13	36.0	
30					36.05	36.13	36.24	36.1	
50					36.18	36.33	36.35	36.3	
75					36.18	36.47	36.17	36.3	
Avg.	35.6	36.0	36.0	35.9	36.0	36.2	36.2	36.1	
100					36.14	36.51	35.99	36.2	
150					35.69	36.33	35.64	35.9	
200						35.96	35.27	35.6	
Avg.					35.9	36.3	35.6	35.9	

Station 65					Station 66				
Depth (m.)	Cruise			Avg.	Cruise			Avg.	
	3	7	8		3	7	8		
0	36.08	36.14	36.31	36.2	35.70	36.02	36.48	36.1	
10	36.09	36.15	36.32	36.2	35.90	35.94	36.45	36.1	
20	36.10	36.09	36.40	36.2	36.28	36.20		36.2	
30	36.32	36.28	36.47	36.4					
50									
75									
Avg.	36.1	36.2	36.4	36.2	36.0	36.1	36.5	36.1	
100									
150									
200									
Avg.									

Station 70					Station 71				
Depth (m.)	Cruise			Avg.	Cruise			Avg.	
	3	7	8		3	7	8		
0	35.71	36.65	36.21	36.2	35.95	36.53	36.18	36.2	
10	35.71	36.58	36.23	36.2	35.95	36.42	36.24	36.2	
20	35.84	36.61	36.21	36.2	35.95	36.42	36.28	36.2	
30					36.13	36.44	36.30	36.3	
50					36.33	36.48	36.30	36.4	
75					36.31	36.51	36.23	36.3	
Avg.	35.8	36.6	36.2	36.2	36.1	36.5	36.3	36.3	
100						36.53	36.08	36.3	
150									
200									
Avg.						36.5	36.1	36.3	

Table 40.-Salinities (‰), by station, summer season, northern outer shelf--
Continued

Depth (m.)	Station 75				Station 78			
	Cruise			Avg.	Cruise			Avg.
	3	7	8		3	7	8	
0	35.88		36.12	36.0		35.73	35.68	35.7
10	35.90		36.09	36.0		35.94	36.02	36.0
20	36.06		36.18	36.1		36.10	36.02	36.1
30	36.27		36.18	36.2				
50								
75								
Avg.	36.0		36.1	36.1		35.9	35.9	35.9
100								
150								
200								
Avg.								

Station			Station		
Depth (m.)	Cruise	Avg.	Cruise	Avg.	
0					
10					
20					
30					
50					
75					
Avg.					
100					
150					
200					
Avg.					

Station			Station		
Depth (m.)	Cruise	Avg.	Cruise	Avg.	
0					
10					
20					
30					
50					
75					
Avg.					
100					
150					
200					
Avg.					

Table 41.--Salinities (‰), by station, summer season, northern offshore

Depth (m.)	Station 61				Station 62			
	Cruise			Avg.	Cruise			Avg.
	3	7	8		3	7	8	
0	35.68	36.06	36.16	36.0	36.02	36.04	36.13	36.1
10	35.69	35.97	36.15	35.9	36.03	35.97	36.13	36.0
20	35.87	35.88	36.16	36.0	36.07	35.98	36.14	36.1
30	36.09	36.06	36.17	36.1	36.06	36.05	36.17	36.1
50	36.21	36.33	36.25	36.3	36.06	36.18	36.20	36.1
75	36.20	36.39	36.31	36.3	36.11	36.26	36.25	36.2
Avg.	36.0	36.1	36.2	36.1	36.1	36.1	36.2	36.1
100	36.07	36.44	36.31	36.3	36.29	36.23	36.40	36.3
150	35.57	35.97	35.90	35.8	36.64	36.20	36.78	36.5
200	35.43	35.73	35.55	35.6	36.57	36.32	36.79	36.6
250	35.29	35.53	35.35	35.4	36.25	35.88	36.60	36.2
300		35.37		35.4	35.75	35.59	36.46	35.9
Avg.	35.6	35.8	35.8	35.7	36.3	36.0	36.6	36.3
400		35.14		35.1		35.33	36.02	35.7
500							35.46	35.5
600							35.26	35.3
800								
1000								
Avg.		35.1		35.1		35.3	35.6	35.5

Depth (m.)	Station 63				Station 64			
	Cruise			Avg.	Cruise			Avg.
	3	7	8		3	7	8	
0	36.04	35.97	36.08	36.0	35.84	36.18	36.20	36.1
10	36.04	35.88	36.21	36.0	36.08	36.12	36.22	36.1
20	36.04	35.97	36.26	36.1	36.09	36.11	36.22	36.1
30	36.06	35.97	36.27	36.1	36.22	36.19	36.22	36.2
50	36.18	36.19	36.31	36.2	36.37	36.39	36.26	36.3
75	36.36	36.52	36.41	36.4	36.32	36.54	36.37	36.4
Avg.	36.1	36.1	36.3	36.2	36.2	36.3	36.2	36.2
100	36.53	36.73	36.70	36.7	36.25	36.47	36.50	36.4
150	36.47	36.48	36.93	36.6	36.01	36.31	36.32	36.2
200	36.11	36.66	36.85	36.5	35.70	36.15	35.94	35.9
250	35.85	36.63	36.72	36.4	35.51			35.5
300	35.65	36.62	36.54	36.3				
Avg.	36.1	36.6	36.7	36.5	35.9	36.3	36.3	36.1
400		36.33	35.87	36.1				
500								
600								
800								
1000								
Avg.		36.3	35.9	36.1				

Table 41.--Salinities (‰), by station, summer season, northern offshore--
Continued

Station 72					Station 73				
Depth (m.)	Cruise			Avg.	Cruise			Avg.	
	3	7	8		3	7	8		
0	36.07	36.26	36.22	36.2		35.88	36.17	36.0	
10	36.04	36.11	36.21	36.1		35.85	36.30	36.1	
20	36.06	36.17	36.24	36.2		35.93	36.30	36.1	
30	36.10	36.19	36.25	36.2		35.98	36.29	36.1	
50	36.19	36.29	36.31	36.3		36.25	36.29	36.3	
75	36.26	36.58	36.43	36.4		36.48	36.33	36.4	
Avg.	36.1	36.3	36.3	36.2		36.1	36.3	36.2	
100	36.39	36.68	36.58	36.5		36.55	36.42	36.5	
150	36.54	36.45	36.82	36.6		36.58	36.59	36.6	
200	36.21	36.28	36.46	36.3		36.58	36.58	36.6	
250		36.23	35.91	36.1		36.55	36.26	36.4	
300		36.05		36.1		36.49	35.87	36.2	
Avg.	36.4	36.3	36.4	36.4		36.5	36.3	36.4	
400		35.49		35.5		36.41	35.45	35.9	
500		35.17		35.2		36.05	35.37	35.7	
600						35.76		35.8	
800						35.42		35.4	
1000									
Avg.		35.3		35.3		35.9	35.4	35.7	

Station 74					Station 79				
Depth (m.)	Cruise			Avg.	Cruise			Avg.	
	3	7	8		3	7	8		
0		36.09	36.31	36.2		35.86	36.02	35.9	
10		36.20	36.35	36.3		35.92	36.05	36.0	
20		36.32	36.34	36.3		35.86	36.07	36.0	
30		36.38	36.32	36.3		35.88	36.09	36.0	
50		36.46	36.37	36.4		36.03	36.09	36.1	
75		36.44	36.49	36.5		36.43	36.14	36.3	
Avg.		36.3	36.4	36.3		36.0	36.1	36.0	
100		36.45	36.36	36.4		36.62	36.28	36.5	
150		36.62	36.08	36.3		36.67	36.06	36.4	
200		36.56	35.80	36.2		36.62	35.78	36.2	
250		36.39	35.64	36.0		36.57	35.64	36.1	
300		36.15	35.50	35.8		36.53	35.33	35.9	
Avg.		36.4	35.9	36.2		36.6	35.8	36.2	
400		35.77	35.22	35.5		35.98		36.0	
500		36.36	35.06	35.2		35.37		35.4	
600		35.11		35.1		35.08		35.1	
800									
1000									
Avg.		35.4	35.1	35.3		35.5		35.5	

Table 41.--Salinities (‰), by station, summer season, northern offshore--
Continued

Station 80					Station				
Depth (m.)	Cruise			Avg.		Cruise			Avg.
	3	7	8						
0		35.89	36.12	36.0					
10		36.02	36.13	36.1					
20		35.98	36.09	36.0					
30		36.12	36.12	36.1					
50		36.35	36.19	36.3					
75		36.54	36.34	36.4					
Avg.		36.1	36.2	36.2					
100		36.65	36.51	36.6					
150		36.68	36.80	36.7					
200		36.58	36.80	36.7					
250		36.54	36.74	36.6					
300		36.51	36.42	36.5					
Avg.		36.6	36.7	36.6					
400		36.47	35.90	36.2					
500		36.14		36.1					
600		35.74		35.7					
800		35.17		35.2					
1000		35.10		35.1					
Avg.		35.7	35.9	35.8					

Station					Station				
Depth (m.)	Cruise			Avg.		Cruise			Avg.
0									
10									
20									
30									
50									
75									
Avg.									
100									
150									
200									
250									
300									
Avg.									
400									
500									
600									
800									
1000									
Avg.									

Table 42.--Salinities (‰), by station, fall season, southern inner shelf

Station 3				Station 4			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	4	9		4	9		
0	32.65	35.89	34.3	34.66	36.13	35.4	
10	34.54	35.81	35.2	34.65	36.20	35.4	
20				34.63	36.28	35.5	
Avg.	33.6	35.9	34.7	34.6	36.2	35.4	

Station 11				Station 12			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	4	9		4	9		
0	30.67	36.15	33.4	30.21	36.22	33.2	
10		36.22	36.2	31.18	36.21	33.7	
20							
Avg.	30.7	36.2	34.3	30.7	36.2	33.5	

Station 13				Station 21			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	4	9		4	9		
0	31.27	36.00	33.6	31.12	35.04	33.1	
10	34.21	36.01	35.1	34.31	35.12	34.7	
20							
Avg.	32.7	36.0	34.4	32.7	35.1	33.9	

Station 22				Station			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	4	9					
0	31.71	35.44	33.6				
10		35.55	35.5				
20							
Avg.	31.7	35.5	34.2				

Station				Station			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
0							
10							
20							
Avg.							

Table 43.--Salinities (‰), by station, fall season, southern outer shelf

Station 5				Station 10			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	4	9		4	9		
0	34.47	36.16	35.3	33.52	36.24	34.9	
10	34.75	36.11	35.4	33.64	36.19	34.9	
20	35.26	36.26	35.8	33.89	36.24	35.1	
30	35.55	36.30	35.9	34.96		35.0	
50							
75							
Avg.	35.0	36.2	35.6	34.0	36.2	35.0	
100							
150							
200							
Avg.							

Station 14				Station 19			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	4	9		4	9		
0	34.47	36.27	35.4	35.58	36.18	35.9	
10	34.46	36.24	35.3	35.56	36.22	35.9	
20	34.87	36.28	35.6	35.67	36.22	35.9	
30	35.08	36.27	35.7	35.77	36.27	36.0	
50	35.37	36.26	35.8				
75							
Avg.	34.9	36.3	35.6	35.6	36.2	35.9	
100							
150							
200							
Avg.							

Station 20				Station			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	4	9					
0	35.39	36.43	35.9				
10	35.39	36.38	35.9				
20	35.35	36.30	35.8				
30							
50							
75							
Avg.	35.4	36.4	35.9				
100							
150							
200							
Avg.							

Table 44.--Salinities (‰), by station, fall season, southern offshore

Station 1				Station 2			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	4	9		4	9		
0	35.93	36.09	36.0	35.89	36.15	36.0	
10	35.97	36.13	36.1	35.91	36.14	36.0	
20	35.93	36.16	36.0	35.89	36.13	36.0	
30	35.92	36.17	36.0	35.90	36.15	36.0	
50	35.91	36.18	36.0	35.97	36.20	36.1	
75	36.32	36.35	36.3	36.29	36.29	36.3	
Avg.	36.0	36.2	36.1	36.0	36.2	36.1	
100	36.64	36.50	36.6	36.48	36.50	36.5	
150	36.74	36.76	36.7	36.50	36.85	36.7	
200	36.64	36.77	36.7	36.28	36.55	36.4	
250	36.45	36.58	36.5	36.02	36.24	36.1	
300	36.34	36.56	36.5	35.76	35.94	35.9	
Avg.	36.6	36.6	36.6	36.2	36.4	36.3	
400	35.93	36.21	36.1	35.27	35.43	35.3	
500		35.83	35.8				
600							
800							
1000							
Avg.	35.9	36.0	36.0	35.3	35.4	35.3	

Station 6				Station 7			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	4	9		4	9		
0	35.91	36.08	36.0	35.97	36.17	36.1	
10	35.91	36.17	36.0	35.99	36.19	36.1	
20	35.90	36.23	36.1	35.99	36.21	36.1	
30	35.91	36.23	36.1	36.04	36.21	36.1	
50	36.03	36.22	36.1	36.15	36.21	36.2	
75	36.23	36.26	36.2	36.32	36.32	36.3	
Avg.	36.0	36.2	36.1	36.1	36.2	36.1	
100	36.41	36.38	36.4	36.47	36.45	36.5	
150	36.73	36.89	36.8	36.71	36.78	36.7	
200	36.52	36.59	36.6	36.74	36.80	36.8	
250	36.35	36.42	36.4	36.58	36.60	36.6	
300	36.16	36.15	36.2	36.49	36.40	36.4	
Avg.	36.4	36.5	36.5	36.6	36.6	36.6	
400	35.58	35.69	35.6	36.10	36.15	36.1	
500				35.79		35.8	
600							
800							
1000							
Avg.	35.6	35.7	35.6	35.9	36.1	36.0	

Table 44.--Salinities (‰), by station, fall season, southern offshore--
Continued

Station 8				Station 9			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	4	9		4	9		
0	35.92	36.09	36.0	35.90	36.08	36.0	
10	35.90	36.09	36.0	35.88	36.05	36.0	
20	35.90	36.09	36.0	35.91	36.05	36.0	
30	35.91	36.10	36.0	35.91	36.10	36.0	
50	35.92	36.12	36.0	35.92	36.18	36.1	
75	36.05	36.31	36.2	36.07	36.19	36.1	
Avg.	35.9	36.1	36.0	35.9	36.1	36.0	
100	36.28	36.50	36.4	36.30	36.34	36.3	
150	36.65	36.79	36.7	36.64	36.79	36.7	
200	36.64	36.73	36.7	36.37	36.60	36.5	
250	36.50	36.66	36.6	35.69	36.32	36.0	
300	36.38	36.54	36.5		35.93	35.9	
Avg.	36.5	36.6	36.6	36.3	36.4	36.3	
400	36.01	36.25	36.1				
500	35.41	36.02	35.7				
600	34.99	35.61	35.3				
800							
1000							
Avg.	35.5	36.0	35.7				

Station 15				Station 16			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	4	9		4	9		
0	35.89	36.23	36.1	36.04	36.17	36.1	
10	35.88	36.20	36.0	36.04	36.12	36.1	
20	35.87	36.17	36.0	36.05	36.11	36.1	
30	35.87	36.16	36.0	36.04	36.20	36.1	
50	35.89	36.16	36.0	36.04	36.35	36.2	
75	36.05	36.27	36.2	36.05	36.40	36.2	
Avg.	35.9	36.2	36.1	36.0	36.2	36.1	
100	36.24	36.46	36.3	36.11	36.49	36.3	
150	36.56	36.87	36.7	36.57	36.79	36.7	
200	36.51	36.60	36.6	36.62	36.72	36.7	
250	36.29	36.42	36.4	36.49	36.66	36.6	
300	36.07	36.17	36.1	36.36	36.60	36.5	
Avg.	36.3	36.5	36.4	36.4	36.7	36.5	
400	35.63	35.56	35.6	36.11	36.47	36.3	
500	35.28	35.09	35.2	35.81	35.91	35.9	
600	35.07		35.1	35.46	35.86	35.7	
800							
1000							
Avg.	35.3	35.3	35.3	35.8	36.1	35.9	

Table 44.--Salinities (‰), by station, fall season, southern offshore--
Continued

Station 17			Station 18		
Depth (m.)	Cruise		Cruise		Avg.
	4	9	4	9	
0		36.16	35.94	35.92	35.9
10		36.16	35.92	36.00	36.0
20		36.15	35.91	36.05	36.0
30		36.15	35.91	36.08	36.0
50		36.15	36.00	36.20	36.1
75		36.29	36.31	36.30	36.3
Avg.		36.2	36.0	36.1	36.0
100		36.45	36.49	36.32	36.4
150		36.77	36.50	36.54	36.5
200		36.71	36.25	36.07	36.2
250		36.64	35.98	35.48	35.7
300		36.53	35.72	35.18	35.5
Avg.		36.6	36.2	35.9	36.1
400		36.01	35.33		35.3
500		35.67			
600		35.11			
800					
1000					
Avg.		35.6	35.3		35.3

Station			Station		
Depth (m.)	Cruise		Cruise		Avg.
0					
10					
20					
30					
50					
75					
Avg.					
100					
150					
200					
250					
300					
Avg.					
400					
500					
600					
800					
1000					
Avg.					

Table 45.--Salinities (‰), by station, fall season, central inner shelf

Station 23				Station 34			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	4	9		4	9		
0		35.91	35.9	34.34		34.3	
10		35.41	35.4	34.51		34.5	
20							
Avg.		35.7	35.7	34.4		34.4	
Station 35				Station 36			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	4	9		4	9		
0	35.11	35.98	35.5	36.13	36.16	36.1	
10	35.08	35.96	35.5	36.10	36.09	36.1	
20							
Avg.	35.1	36.0	35.5	36.1	36.1	36.1	
Station 44				Station 45			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	4	9		4	9		
0	36.06	36.36	36.2	36.17	35.86	36.0	
10	36.04	36.35	36.2	36.16	35.89	36.0	
20							
Avg.	36.1	36.4	36.2	36.2	35.9	36.0	
Station 46				Station 55			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	4	9		4	9		
0	35.80	35.87	35.8	36.03	36.46	36.2	
10	35.82	35.91	35.9	36.02	36.45	36.2	
20							
Avg.	35.8	35.9	35.9	36.0	36.5	36.2	
Station 56				Station			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	4	9					
0	35.79	35.94	35.9				
10							
20							
Avg.	35.8	35.9	35.9				

Table 46.--Salinities (‰), by station, fall season, central outer shelf

Station 24				Station 25			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	4	9		4	9		
0	35.41	36.48	35.9	35.94	36.32	36.1	
10	35.42	36.55	36.0	35.97	36.29	36.1	
20	35.39		35.4	35.94	36.31	36.1	
30							
50							
75							
Avg.	35.4	36.5	35.9	35.9	36.3	36.1	
100							
150							
200							
Avg.							

Station 26				Station 31			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	4	9		4	9		
0	35.80	36.10	35.9	36.13		36.1	
10	35.83	36.10	36.0	36.13		36.1	
20	35.82	36.08	35.9	36.13		36.1	
30	35.81	36.09	35.9	36.14		36.1	
50	35.84	36.12	36.0				
75	35.96	36.22	36.1				
Avg.	35.8	36.1	36.0	36.1		36.1	
100	36.11	36.38	36.2				
150	36.13		36.1				
200							
Avg.	36.1	36.4	36.2				

Station 32				Station 33			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	4	9		4	9		
0	36.00		36.0	35.37		35.4	
10	36.03		36.0	35.34		35.3	
20	36.15		36.1				
30	36.18		36.2				
50							
75							
Avg.	36.1		36.1	35.4		35.4	
100							
150							
200							
Avg.							

Table 46.--Salinities (‰), by station, fall season, central outer shelf--
Continued

Station 37				Station 38			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	4	9		4	9		
0	36.22	36.51	36.4	36.20	36.27	36.2	
10	36.18	36.48	36.3	36.18	36.27	36.2	
20	36.17	36.46	36.3	36.21	36.24	36.2	
30				36.18	36.20	36.2	
50							
75							
Avg.	36.2	36.5	36.3	36.2	36.2	36.2	
100							
150							
200							
Avg.							

Station 42				Station 43			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	4	9		4	9		
0	36.17	36.26	36.2	36.18	36.40	36.3	
10	36.16	36.18	36.2	36.25	36.32	36.3	
20	36.17	36.27	36.2	36.24	36.34	36.3	
30	36.16	36.25	36.2	36.22		36.2	
50	36.16	36.22	36.2				
75	36.20	36.22	36.2				
Avg.	36.2	36.2	36.2	36.2	36.4	36.3	
100	36.26	36.22	36.2				
150							
200							
Avg.	36.3	36.2	36.2				

Station 47				Station 48			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	4	9		4	9		
0	36.32	36.35	36.3	36.18	36.36	36.3	
10	36.30	36.37	36.3	36.14	36.31	36.2	
20	36.29	36.39	36.3	36.15	36.29	36.2	
30				36.15	36.29	36.2	
50				36.18	36.30	36.2	
75				36.33	36.31	36.3	
Avg.	36.3	36.4	36.3	36.2	36.3	36.2	
100				36.40	36.31	36.4	
150				36.33	36.20	36.3	
200							
Avg.				36.4	36.3	36.3	

Table 46.--Salinities (‰), by station, fall season, central outer shelf--
Continued

Station 53				Station 54			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	4	9		4	9		
0	36.09	36.21	36.1	36.14	36.36	36.3	
10	36.09	36.29	36.2	36.14	36.33	36.2	
20	36.09	36.22	36.2	36.15	36.31	36.2	
30	36.10	36.24	36.2				
50	36.12	36.26	36.2				
75	36.26	36.18	36.2				
Avg.	36.1	36.2	36.2	36.1	36.3	36.2	
100	36.51	36.12	36.3				
150	36.49	36.04	36.3				
200							
Avg.	36.5	36.1	36.3				

Station			Station		
Depth (m.)	Cruise	Avg.	Cruise	Avg.	
0					
10					
20					
30					
50					
75					
Avg.					
100					
150					
200					
Avg.					

Station			Station		
Depth (m.)	Cruise	Avg.	Cruise	Avg.	
0					
10					
20					
30					
50					
75					
Avg.					
100					
150					
200					
Avg.					

Table 47.--Salinities (‰), by station, fall season, central offshore

Depth (m.)	Station 27			Station 28		
	Cruise		Avg.	Cruise		Avg.
	4	9		4	9	
0	35.89	35.96	35.9	35.97	36.00	36.0
10	35.87	35.95	35.9	35.96	36.09	36.0
20	35.89	35.95	35.9	36.00	36.15	36.1
30	35.88	35.95	35.9	36.04	36.17	36.1
50	35.93	35.95	35.9	36.16	36.22	36.2
75	36.13	36.05	36.1	36.42	36.26	36.3
Avg.	35.9	36.0	35.9	36.1	36.1	36.1
100	36.59	36.19	36.4	36.60	36.38	36.5
150	36.62	36.50	36.6	36.70	36.67	36.7
200	36.54	36.69	36.6	36.60	36.66	36.6
250	36.43	36.48	36.5	36.54	36.61	36.6
300	36.25	36.18	36.2	36.48	36.53	36.5
Avg.	36.5	36.4	36.4	36.6	36.6	36.6
400	35.81	35.24	35.5	36.40	36.23	36.3
500	35.41	34.91	35.2	36.18	35.75	36.0
600				35.72	35.37	35.5
300						
1000						
Avg.	35.6	35.1	35.3	36.1	35.8	35.9

Depth (m.)	Station 29			Station 30		
	Cruise		Avg.	Cruise		Avg.
	4	9		4	9	
0	36.00	35.96	36.0	36.15	36.01	36.1
10	36.02	35.96	36.0	36.15	36.00	36.1
20	36.05	35.97	36.0	36.13	36.00	36.1
30	36.06	35.91	36.0	36.14	36.00	36.1
50	36.12	35.89	36.0	36.15	36.00	36.1
75	36.41	36.15	36.3	36.54	35.99	36.3
Avg.	36.1	36.0	36.0	36.2	36.0	36.1
100	36.68	36.41	36.5	36.92	36.19	36.6
150	36.64	36.62	36.6	36.87	36.70	36.8
200	36.61	36.62	36.6	36.73	36.62	36.7
250	36.55	36.57	36.6	36.62	36.41	36.5
300	36.50	36.45	36.5	36.44	36.19	36.3
Avg.	36.6	36.5	36.6	36.7	36.4	36.6
400	36.33	36.02	36.2	35.91	35.35	35.6
500	36.02	35.59	35.8	35.39		35.4
600	35.66	35.21	35.4			
800						
1000						
Avg.	36.0	35.6	35.8	35.7	35.3	35.5

Table 47.--Salinities (‰), by station, fall season, central offshore--
Continued

Depth (m.)	Station 39			Station 40		
	Cruise		Avg.	Cruise		Avg.
	4	9		4	9	
0	36.18	36.18	36.2	36.29	36.08	36.2
10	36.20	36.17	36.2	36.28	36.08	36.2
20	36.20	36.16	36.2	36.32	36.08	36.2
30	36.19	36.15	36.2	36.33	36.08	36.2
50	36.20	36.15	36.2	36.38	36.09	36.2
75	36.33	36.16	36.2	36.50	36.16	36.3
Avg.	36.2	36.2	36.2	36.3	36.1	36.2
100	36.65	36.36	36.5	36.65	36.36	36.5
150	36.60	36.38	36.5	36.88	36.69	36.8
200	36.35	35.78	36.1	36.92	36.48	36.7
250	36.14	35.35	35.7	36.92	36.23	36.6
300	35.95	35.14	35.5	36.83	36.02	36.4
Avg.	36.3	35.8	36.1	36.8	36.4	36.6
400	35.57		35.6			
500						
600						
800						
1000						
Avg.	35.6		35.6			

Depth (m.)	Station 41			Station 49		
	Cruise		Avg.	Cruise		Avg.
	4	9		4	9	
0	36.26	36.09	36.2	36.13	36.20	36.2
10	36.26	36.10	36.2	36.11	36.24	36.2
20	36.27	36.10	36.2	36.12	36.27	36.2
30	36.26	36.09	36.2	36.13	36.29	36.2
50	36.26	36.23	36.2	36.17	36.30	36.2
75	36.35	36.38	36.4	36.40	36.28	36.3
Avg.	36.3	36.2	36.2	36.2	36.3	36.2
100	36.62	36.47	36.5	36.63	36.26	36.4
150	36.97	36.47	36.7	36.64	36.04	36.3
200	36.73	36.17	36.5	36.28	35.70	36.0
250	36.29	35.53	35.9	36.07	35.46	35.8
300	35.97	35.28	35.6	35.94		35.9
Avg.	36.5	36.0	36.3	36.3	35.9	36.1
400						
500						
600						
800						
1000						
Avg.						

Table 47.--Salinities (‰), by station, fall season, central offshore--
Continued

Station 50				Station 51			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	4	9		4	9		
0	36.35	36.09	36.2	36.22	36.23	36.2	
10	36.28	36.10	36.2	36.19	36.21	36.2	
20	36.31	36.10	36.2	36.22	36.19	36.2	
30	36.27	36.10	36.2	36.24	36.18	36.2	
50	36.27	36.09	36.2	36.33	36.24	36.3	
75	36.59	36.08	36.3	36.54	36.26	36.4	
Avg.	36.3	36.1	36.2	36.3	36.2	36.3	
100	36.79	36.14	36.5	36.65	36.33	36.5	
150	36.85	36.51	36.7	36.64	36.16	36.4	
200	36.96	36.54	36.7	36.59	35.65	36.1	
250	36.75	35.97	36.4	36.35	35.36	35.9	
300	36.47	35.52	36.0	36.14	35.24	35.7	
Avg.	36.8	36.1	36.5	36.5	35.7	36.1	
400	36.21	35.06	35.6	35.74		35.7	
500	36.05		36.1	35.30		35.3	
600	35.62		35.6				
800							
1000							
Avg.	36.0	35.1	35.7	35.5		35.5	

Station 52				Station		
Depth (m.)	Cruise		Avg.	Cruise		Avg.
	4	9				
0	36.13	36.29	36.2			
10	36.10	36.29	36.2			
20	36.11	36.28	36.2			
30	36.10	36.27	36.2			
50	36.09	36.26	36.2			
75	36.40	36.23	36.3			
Avg.	36.2	36.3	36.2			
100	36.62	36.20	36.4			
150	36.38	35.68	36.0			
200	36.05	35.19	35.6			
250	35.81	35.15	35.5			
300	35.72	35.16	35.4			
Avg.	36.1	35.5	35.8			
400						
500						
600						
800						
1000						
Avg.						

Table 48.--Salinities (‰), by station, fall season, northern inner shelf

Station 57

Depth (m.)	Cruise		Avg.
	4	9	
0	36.04	36.53	36.3
10	36.08	36.47	36.3
20			
Avg.	36.1	36.5	36.3

Station 58

	Cruise		Avg.
	4	9	
	36.16	36.35	36.3
	36.17	36.34	36.3
	36.2	36.3	36.3

Station 67

Depth (m.)	Cruise		Avg.
	4	9	
0	35.59	36.43	36.0
10	35.62	36.38	36.0
20			
Avg.	35.6	36.4	36.0

Station 68

	Cruise		Avg.
	4	9	
	35.23	36.33	35.8
	35.23	36.33	35.8
	35.2	36.3	35.8

Station 69

Depth (m.)	Cruise		Avg.
	4	9	
0	33.60	36.35	35.0
10	34.61	36.35	35.5
20			
Avg.	34.1	36.3	35.2

Station 76

	Cruise		Avg.
	4	9	
	32.76		32.8
	32.75		32.7
	32.8		32.8

Station 77

Depth (m.)	Cruise		Avg.
	4	9	
0	32.00		32.0
10	32.00		32.0
20			
Avg.	32.0		32.0

Station

	Cruise		Avg.

Station

Depth (m.)	Cruise		Avg.
0			
10			
20			
Avg.			

Station

	Cruise		Avg.

Table 49.--Salinities (‰), by station, fall season, northern outer shelf

Station 59				Station 60			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	4	9		4	9		
0	36.26	36.30	36.3	36.18	36.26	36.2	
10	36.26	36.27	36.3	36.17	36.29	36.2	
20		36.33	36.3	36.18	36.26	36.2	
30				36.20	36.26	36.2	
50				36.26	36.27	36.3	
75				36.38	36.32	36.3	
Avg.	36.3	36.3	36.3	36.2	36.3	36.3	
100				36.50	36.33	36.4	
150				36.67	36.27	36.5	
200					36.00	36.0	
Avg.				36.6	36.2	36.4	

Station 65				Station 66			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	4	9		4	9		
0	36.11	36.33	36.2	36.18	36.43	36.3	
10	36.09	36.32	36.2	36.20	36.35	36.3	
20	36.09	36.33	36.2	36.18	36.38	36.3	
30	36.11	36.26	36.2				
50							
75							
Avg.	36.1	36.3	36.2	36.2	36.4	36.3	
100							
150							
200							
Avg.							

Station 70				Station 71			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	4	9		4	9		
0	34.70	36.31	35.5		36.22	36.2	
10	34.74	36.30	35.5		36.23	36.2	
20	34.73	36.31	35.5		36.26	36.3	
30					36.25	36.3	
50					36.24	36.2	
75					36.23	36.2	
Avg.	34.7	36.3	35.5		36.2	36.2	
100					36.22	36.2	
150							
200							
Avg.					36.2	36.2	

Table 49.--Salinities (‰), by station, fall season, northern outer shelf--
Continued

Depth (m.)	Station 75			Station 78		
	Cruise		Avg.	Cruise		Avg.
	4	9		4	9	
0	36.31		36.3			
10	36.29		36.3			
20	36.27		36.3			
30	36.24		36.2			
50						
75						
Avg.	36.3		36.3			
100						
150						
200						
Avg.						

Depth (m.)	Station			Station		
	Cruise		Avg.	Cruise		Avg.
0						
10						
20						
30						
50						
75						
Avg.						
100						
150						
200						
Avg.						

Depth (m.)	Station			Station		
	Cruise		Avg.	Cruise		Avg.
0						
10						
20						
30						
50						
75						
Avg.						
100						
150						
200						
Avg.						

Table 50.--Salinities (‰), by station, fall season, northern offshore

Station 61				Station 62			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	4	9		4	9		
0	36.29	36.09	36.2	36.27	36.13	36.2	
10	36.27	36.06	36.2	36.26	36.17	36.2	
20	36.26	36.05	36.2	36.26	36.15	36.2	
30	36.28	36.07	36.2	36.27	36.12	36.2	
50	36.36	36.14	36.3	36.29	36.11	36.2	
75	36.61	36.41	36.5	36.50	36.18	36.3	
Avg.	36.3	36.1	36.2	36.3	36.1	36.2	
100	36.78	36.44	36.6	36.70	36.34	36.5	
150	36.85	36.38	36.6	36.74	36.55	36.6	
200	36.47	35.89	36.2	36.76	36.46	36.6	
250	36.28	35.69	36.0	36.60	36.34	36.5	
300	36.08	35.42	35.7	36.44	36.19	36.3	
Avg.	36.5	36.0	36.2	36.6	36.4	36.5	
400	35.63		35.6	36.13	35.84	36.0	
500				35.76	35.45	35.6	
600				35.45		35.5	
800							
1000							
Avg.	35.6		35.6	35.8	35.6	35.7	

Station 63				Station 64			
Depth (m.)	Cruise		Avg.	Cruise		Avg.	
	4	9		4	9		
0	36.21	36.09	36.1	36.25		36.3	
10	36.18	36.08	36.1	36.24		36.2	
20	36.18	36.09	36.1	36.26		36.3	
30	36.18	36.12	36.1	36.26		36.3	
50	36.18	36.14	36.2	36.26		36.3	
75	36.39	36.15	36.3	36.27		36.3	
Avg.	36.2	36.1	36.2	36.3		36.3	
100	36.55	36.30	36.4	36.36		36.4	
150	36.73	36.46	36.6	36.75		36.7	
200	36.81	36.46	36.6	36.56		36.6	
250	36.74	36.34	36.5	36.51		36.5	
300	36.66	35.90	36.3	36.02		36.0	
Avg.	36.7	36.3	36.5	36.4		36.4	
400	36.47	35.27	35.9				
500	36.16		36.2				
600	35.71		35.7				
800							
1000							
Avg.	36.1	35.3	35.9				

Table 50.--Salinities (‰), by station, fall season, northern offshore--
Continued

Station 72			Station 73		
Depth (m.)	Cruise		Cruise		Avg.
	4	9	4	9	
0		36.24			36.2
10		36.21			36.2
20		36.22			36.2
30		36.23			36.2
50		36.26			36.3
75		36.31			36.3
Avg.		36.2			36.2
100		36.33			36.3
150		36.26			36.3
200		36.27			36.3
250		36.16			36.2
300		35.84			35.8
Avg.		36.2			36.2
400					
500					
600					
800					
1000					
Avg.					
Station 74			Station 79		
Depth (m.)	Cruise		Cruise		Avg.
	4	9	4	9	
0					
10					
20					
30					
50					
75					
Avg.					
100					
150					
200					
250					
300					
Avg.					
400					
500					
600					
800					
1000					
Avg.					

Table 51.--Salinities (‰), inner shelf, winter season

Southern Inner Shelf								
Depth (m.)	Stations							Avg.
	3	4	11	12	13	21	22	
0	36.2	36.2	35.5	35.0	35.1	33.3	33.7	35.2
10	36.1	36.3	36.2	35.0	35.0	33.4	33.7	35.1
20								
Avg.	36.2	36.3	35.8	35.0	35.0	33.3	33.7	35.1

Central Inner Shelf										
Depth (m.)	Stations									Avg.
	23	34	35	36	44	45	46	55	56	
0	33.7	33.7	33.5	35.2	35.2	33.6	33.9	35.5	34.4	34.3
10	34.1	33.7	34.3	35.2	35.3	34.7	34.2	35.7		34.6
Avg.	33.9	33.7	33.9	35.2	35.3	34.2	34.0	35.6	34.4	34.4

Northern Inner Shelf								
Depth (m.)	Stations							Avg.
	57	58	67	68	69	76	77	
0	35.9	35.2	34.9	36.1	35.4	35.6	34.1	35.2
10	35.9	35.4	35.3	36.1	35.5	36.0	34.5	35.4
20							36.0	36.0
Avg.	35.9	35.3	35.1	36.1	35.5	35.8	34.6	35.3

Table 52.--Salinities (‰), inner shelf, spring season

Southern Inner Shelf								
Depth (m.)	Stations							Avg.
	3	4	11	12	13	21	22	
0	36.0	36.2	36.1	36.2	35.9	36.0	36.0	36.1
10	36.0	36.1		36.2	36.0	35.9	36.0	36.1
20								
Avg.	36.0	36.1	36.1	36.2	36.0	36.0	36.0	36.1

Central Inner Shelf										
Depth (m.)	Stations									Avg.
	23	34	35	36	44	45	46	55	56	
0	35.6	34.7	34.7	34.6	33.6	33.4	33.9	33.8	33.5	34.2
10	35.6	34.7	34.9	34.7	34.4	34.7		35.7		35.0
Avg.	35.6	34.7	34.8	34.7	34.0	34.1	33.9	34.7	33.5	34.5

Northern Inner Shelf								
Depth (m.)	Stations							Avg.
	57	58	67	68	69	76	77	
0	33.7	33.8	34.2	34.8	34.6		35.6	34.4
10	33.7	35.3	35.7	34.8	34.6		35.6	35.0
20								
Avg.	33.7	34.5	35.0	34.8	34.6		35.6	34.7

Table 53.--Salinities (‰), inner shelf, summer season

Southern Inner Shelf								
Depth (m.)	Stations							Avg.
	3	4	11	12	13	21	22	
0	34.9	36.0	36.1	36.0	36.1	35.8	35.8	35.8
10	35.5	35.9	36.2	36.0	36.1	35.9	35.9	35.9
20		35.9						35.9
Avg.	35.2	35.9	36.1	36.0	36.1	35.9	35.8	35.8

Central Inner Shelf										
Depth (m.)	Stations									Avg.
	23	34	35	36	44	45	46	55	56	
0	35.5	35.3	35.3	35.0	35.6	35.1	35.5	35.6	35.1	35.3
10	35.6	35.3	35.4	35.2	35.5	35.2		35.7		35.4
Avg.	35.5	35.3	35.4	35.1	35.5	35.1	35.5	35.7	35.1	35.4

Northern Inner Shelf								
Depth (m.)	Stations							Avg.
	57	58	67	68	69	76	77	
0	35.2	35.6	35.8	35.8	36.1	35.6	35.5	35.6
10	35.5	35.5	35.8	35.9	36.0	35.8	35.7	35.7
20							36.0	36.0
Avg.	35.4	35.5	35.8	35.9	36.0	35.7	35.7	35.7

Table 54.--Salinities (‰), inner shelf, fall season

Southern Inner Shelf								
Depth (m.)	Stations							Avg.
	3	4	11	12	13	21	22	
0	34.3	35.4	33.4	33.2	33.6	33.1	33.6	33.8
10	35.2	35.4	36.2	33.7	35.1	34.7	35.5	35.0
20		35.5						35.5
Avg.	34.7	35.4	34.3	33.5	34.4	33.9	34.2	34.4

Central Inner Shelf										
Depth (m.)	Stations									Avg.
	23	34	35	36	44	45	46	55	56	
0	35.9	34.3	35.5	36.1	36.2	36.0	35.8	36.2	35.9	35.9
10	35.4	34.5	35.5	36.1	36.2	36.0	35.9	36.2		35.8
Avg.	35.7	34.4	35.5	36.1	36.2	36.0	35.9	36.2	35.9	35.9

Northern Inner Shelf								
Depth (m.)	Stations							Avg.
	57	58	67	68	69	76	77	
0	36.3	36.3	36.0	35.8	35.0	32.8	32.0	35.3
10	36.3	36.3	36.0	35.8	35.5	32.7	32.0	35.4
20								
Avg.	36.3	36.3	36.0	35.8	35.2	32.8	32.0	35.3

Table 55.--Salinities (‰), outer shelf, winter season

Southern Outer Shelf

Depth (m.)	Stations					Avg.
	5	10	14	19	20	
0	36.3	36.3	36.2	36.3	35.4	36.1
10	36.3	36.2	36.2	36.3	35.4	36.1
20	36.2	36.2	36.2	36.3	35.6	36.1
30	36.1		36.2	36.3		36.2
50			36.3			36.3
Avg.	36.2	36.2	36.2	36.3	35.5	36.1

Central Outer Shelf

Depth (m.)	Stations														Avg.
	24	25	26	31	32	33	37	38	42	43	47	48	53	54	
0	35.6	36.2	36.2		36.2	35.8	35.9	36.4	36.2	36.3	36.3	36.3	36.3	36.4	36.1
10	35.7	36.2	36.2		36.2	35.8	35.9	36.3	36.2	36.3	36.3	36.3	36.3	36.3	36.1
20	36.3	36.2	36.2		36.2	36.0	35.9	36.4	36.1	36.2	36.3	36.3	36.3	36.3	36.2
30		36.1	36.2		36.2		36.2	36.2	36.3			36.3	36.3	36.3	36.2
50			36.1						36.3			36.2	36.3	36.3	36.2
75			35.9						36.2			36.1	36.1	36.1	36.1
Avg.	35.8	36.2	36.1		36.2	35.8	35.9	36.3	36.2	36.3	36.3	36.2	36.2	36.2	36.2
100			35.8									36.0	36.1		36.0
150			35.0									35.8	35.8		35.6
200												35.3	35.3		35.3
Avg.			35.5									35.8	36.0		35.8

Table 55.--Salinities (‰), outer shelf, winter season--Continued

Depth (m.)	Northern Outer Shelf							
	Stations							
	59	60	65	66	70	71	75	78
0	36.3	36.0	36.3	36.4	36.1	36.2	35.9	Avg. 36.2
10	36.3	36.0	36.3	36.4	36.2	36.2	35.9	36.2
20	36.3	36.0	36.3	35.9	36.1	36.2	35.8	36.1
30		36.0	36.3			36.1	36.3	36.2
50		36.1				36.3		36.2
75		36.2				36.3		36.3
Avg.	36.3	36.0	36.3	36.2	36.1	36.2	35.9	36.2
100		36.0				36.3		
150								
200								
Avg.		36.0				36.3		36.2

Table 56.---Salinities (‰), outer shelf, spring season

Southern Outer Shelf

Depth (m.)	Stations					Avg.
	5	10	14	19	20	
0	36.2	36.2	36.3	36.3	36.4	36.2
10	36.2	36.2	36.2	36.3	36.4	36.3
20	36.2	36.2	36.3	36.3	36.3	36.2
30	36.1	36.3	36.3	36.2		36.2
50			36.3			36.3
Avg.	36.2	36.2	36.3	36.3	36.3	36.2

Central Outer Shelf

Depth (m.)	Stations														Avg.
	24	25	26	31	32	33	37	38	42	43	47	48	53	54	
0	36.1	36.4	36.3	36.4	36.1	35.2	34.6	35.7	34.9		34.6	36.3	36.3	34.3	35.6
10	36.1	36.3	36.3	36.4	36.1	35.4	34.7	35.7	34.8		34.8	36.3	36.3	35.9	35.8
20	36.2	36.2	36.3	36.4	36.2			35.9	35.0	36.1	36.0	36.3	36.3	36.1	36.1
30			36.4	36.4	36.2			36.1	35.6			36.3	36.4		36.2
50			36.3						36.1			36.3	36.4		36.3
75			36.2						36.0			36.3	36.4		36.2
Avg.	36.2	36.3	36.3	36.4	36.2	35.3	34.7	35.9	35.4	36.1	35.1	36.3	36.4	35.4	35.9
100			35.8						35.7			36.2	36.4		36.0
150												35.8	35.9		35.9
200												35.3			35.3
Avg.			35.8						35.7			35.8	36.2		35.9

Table 56.--Salinities (‰), outer shelf, spring season--Continued

Northern Outer Shelf									
Depth (m.)	Stations								Avg.
	59	60	65	66	70	71	75	78	
0	35.1	35.7	35.6	34.4	34.6	36.4	35.6	35.1	35.3
10	35.3	35.8	35.6	34.9	34.6	36.3	35.6	35.1	35.4
20		36.1	36.1	36.2	35.7	36.4	35.6	35.1	35.9
30		36.2	36.4			36.4	36.0		36.3
50		36.3				36.4			36.3
75		36.3				36.4			36.3
Avg.	35.2	36.1	35.9	35.1	35.0	36.4	35.7	35.1	35.7
100		36.1				36.4			36.3
150		35.8							35.8
200		35.6							35.6
Avg.		35.9				36.4			36.0

Table 57.--Salinities (‰), outer shelf, summer season

Southern Outer Shelf

Depth (m.)	Stations					Avg.
	5	10	14	19	20	
0	35.8	36.0	36.1	36.0	36.1	36.0
10	36.1	36.1	36.1	36.0	36.1	36.1
20	36.2	36.1	36.1	36.1	36.1	36.1
30	36.2		36.1	36.1		36.1
50			36.2			36.2
Avg.	36.1	36.0	36.1	36.1	36.1	36.1

Central Outer Shelf

Depth (m.)	Stations														Avg.
	24	25	26	31	32	33	37	38	42	43	47	48	53	54	
0	36.0	36.1	35.9	35.9	35.8	35.7	35.8	36.1	36.0	35.7	35.9	36.2	36.0	35.8	35.9
10	36.0	36.1	35.9	35.9	35.8	35.7	35.8	36.0	36.0	35.8	35.9	36.0	35.9	35.8	35.9
20	35.9	36.2	36.0	36.1	36.0		35.9	36.1	36.1	36.0	35.8	36.1	36.1	36.1	36.0
30			36.1	36.1	36.0			36.2	36.2			36.2	36.2		36.1
50			36.2	36.2					36.3			36.3	36.3		36.3
75			36.3						36.2			36.0	36.2		36.2
Avg.	36.0	36.2	36.1	36.0	35.9	35.7	35.8	36.1	36.1	35.9	35.9	36.1	36.1	35.9	36.0
100			36.1						35.8			35.7	36.1		35.9
150												35.4	35.7		35.5
200												35.8			35.8
Avg.			36.1						35.8			35.6	35.9		35.8

Table 57.--Salinities (‰), outer shelf, summer season--Continued

Northern Outer Shelf									
Depth (m.)	Stations								Avg.
	59	60	65	66	70	71	75	78	
0	35.8	36.0	36.2	36.1	36.2	36.2	36.0	35.7	36.0
10	35.9	36.0	36.2	36.1	36.2	36.2	36.0	36.0	36.1
20	36.1	36.0	36.2	36.2	36.2	36.2	36.1	36.1	36.2
30		36.1	36.4			36.3	36.2		36.3
50		36.3				36.4			36.3
75		36.3				36.3			36.3
Avg.	35.9	36.1	36.2	36.1	36.2	36.3	36.1	35.9	36.1
100		36.2				36.3			36.3
150		35.9							35.9
200		35.6							35.6
Avg.		35.9					36.3		36.0

Table 58.--Salinities (‰), outer shelf, fall season--Continued

Depth (m)	Northern Outer Shelf							
	Stations							
	59	60	65	66	70	71	75	78
0	36.3	36.2	36.2	36.3	35.5	36.2	36.3	Avg. 36.1
10	36.3	36.2	36.2	36.3	35.5	36.2	36.3	36.1
20	36.3	36.2	36.2	36.3	35.5	36.3	36.3	36.1
30		36.2	36.2			36.3	36.2	36.2
50		36.3				36.2		36.3
75		36.3				36.2		36.3
Avg.	36.3	36.3	36.2	36.3	35.5	36.2	36.3	36.2
100		36.4				36.2		36.3
150		36.5						36.5
200		36.0						36.0
Avg.		36.4				36.2		36.3

Table 59.--Salinities (‰), offshore, winter season

Southern Offshore											
Depth (m.)	Stations										
	1	2	6	7	8	9	15	16	17	18	Avg.
0	36.3	36.2	36.2	36.2	36.2		36.1	36.4	36.4	36.2	36.2
10	36.3	36.2	36.2	36.2	36.2		36.1	36.4	36.4	36.1	36.2
20	36.3	36.2	36.2	36.2	36.2		36.1	36.4	36.4	36.1	36.2
30	36.3	36.2	36.2	36.3	36.2		36.2	36.5	36.5	36.1	36.2
50	36.3	36.3	36.2	36.2	36.2		36.3	36.5	36.6	36.2	36.3
75	36.3	36.5	36.4	36.3	36.3		36.4	36.5	36.6	36.3	36.4
Avg.	36.3	36.3	36.2	36.2	36.2		36.2	36.5	36.5	36.2	36.3
100	36.3	36.6	36.4	36.4	36.4		36.5	36.6	36.5	36.5	36.5
150	36.7	36.5	36.5	36.6	36.6		36.7	36.7	36.6	36.5	36.6
200	36.7	36.3	36.3	36.7	36.6		36.6	36.7	36.7	36.3	36.5
250	36.6	36.1	36.0	36.5	36.5		36.5	36.7	36.7	36.0	36.4
300	36.5	35.8	35.8	36.4	36.4		36.4	36.6	36.7	35.6	36.2
Avg.	36.6	36.3	36.2	36.5	36.5		36.6	36.6	36.7	36.2	36.4
400	36.2	35.3	35.5	36.2	36.1		35.8	36.5	36.3	35.1	35.9
500	35.8				35.6		35.3	36.2	36.1		35.8
600					35.2		34.9		35.7		35.2
800											
1000											
Avg.	36.0	35.3	35.5	36.2	35.6		35.4	36.4	36.0	35.1	35.7

Table 59.---Salinities (‰), offshore, winter season--Continued

Central Offshore													
Depth (m.)	Stations												Avg.
	27	28	29	30	39	40	41	49	50	51	52		
0		36.4			36.2	36.3	35.9	36.2	36.1	36.3	36.2	36.2	
10		36.4			36.2	36.2	36.0	36.2	36.1	36.3	36.2	36.2	
20		36.4			36.2	36.2	36.2	36.2	36.1	36.3	36.2	36.2	
30		36.4			36.2	36.2	36.2	36.1	36.1	36.3	36.2	36.2	
50		36.4			36.3	36.2	36.3	36.1	36.2	36.3	36.1	36.2	
75		36.4			36.3	36.4	36.3	36.2	36.3	36.4	36.0	36.3	
Avg.		36.4			36.2	36.3	36.2	36.2	36.2	36.3	36.2	36.2	
100		36.4			36.3	36.5	36.3	36.2	36.4	36.5	36.0	36.3	
150		36.6			36.2	36.5	36.4	36.1	36.5	36.1	35.8	36.3	
200		36.7			35.9	36.4	36.2	35.8	36.5	35.8	35.5	36.0	
250		36.6			35.6	36.5	36.0	35.6	36.3	35.6	35.3	35.9	
300		36.6			35.3	36.4	35.9	35.9	36.1	35.3	35.3	35.9	
Avg.		36.6			35.9	36.5	36.2	35.9	36.3	35.9	35.6	36.1	
400		36.4				35.6	35.3		35.6		35.7	35.7	
500									35.4			35.4	
600													
800													
1000													
Avg.		36.4				35.6	35.3		35.6			35.7	

Table 59.---Salinities (‰), offshore, winter season--Continued

Depth (m.)	Northern Offshore									
	Stations									
	61	62	63	64	72	73	74	79	80	Avg.
0	36.2	36.2	36.3	36.3	36.4		36.4			36.3
10	36.2	36.3	36.2	36.3	36.3		36.3			36.3
20	36.2	36.3	36.2	36.3	36.3		36.3			36.2
30	36.2	36.3	36.3	36.3	36.3		36.3			36.3
50	36.2	36.3	36.4	36.3	36.4		36.3			36.3
75	36.2	36.4	36.3	36.4	36.7		36.3			36.4
Avg.	36.2	36.3	36.3	36.3	36.4		36.3			36.3
100	36.1	36.5	36.3	36.4	36.8		36.3			36.4
150	35.7	36.3	36.0	36.3	36.5		36.2			36.1
200	35.5	36.1	35.6	35.7	36.1					35.8
250	35.3	35.9	35.4		35.9					35.6
300	35.2	35.8	35.3		35.8					35.6
Avg.	35.6	36.1	35.7	36.2	36.2		36.3			36.0
400		35.6	35.1		35.6					35.5
500		35.4	35.1		35.5					35.4
600		35.3	35.1							35.2
800										
1000										
Avg.		35.5	35.1		35.6					35.4

Table 60.--Salinities (‰), offshore, spring season

Southern Offshore												
Depth (m.)	Stations											
	1	2	6	7	8	9	15	16	17	18		Avg.
0	36.1	36.2	36.1	36.1	36.0	36.1	36.1	36.1	36.1	36.1		36.1
10	36.0	36.1	36.1	36.1	36.0	36.1	36.1	36.1	36.1	36.1		36.1
20	36.0	36.2	36.0	36.0	36.0	36.1	36.1	36.1	36.1	36.1		36.1
30	36.0	36.2	36.0	36.0	36.1	36.1	36.1	36.2	36.2	36.2		36.1
50	36.0	36.2	36.1	36.0	36.1	36.1	36.1	36.3	36.3	36.3		36.1
75	36.1	36.2	36.3	36.1	36.2	36.3	36.2	36.4	36.4	36.4		36.3
Avg.	36.0	36.2	36.1	36.1	36.1	36.1	36.1	36.2	36.2	36.2		36.1
100	36.3	36.2	36.3	36.3	36.3	36.4	36.4	36.4	36.5	36.4		36.4
150	36.7	36.1	36.4	36.7	36.6	36.5	36.6	36.7	36.7	36.4		36.5
200	36.7	36.3	36.3	36.7	36.7	36.3	36.5	36.7	36.7			36.5
250	36.4	36.1	36.0	36.5	36.5	35.9	36.4	36.6	36.6			36.5
300	36.2	35.8		36.3	36.3		36.3	36.5	36.5			36.4
Avg.	36.5	36.1	36.3	36.5	36.5	36.3	36.4	36.6	36.6	36.4		36.3
400	35.8	35.4		35.9	35.8		35.8	36.2	36.1			35.9
500	35.8	35.1			35.4		35.4	36.3	35.8			35.7
600	35.4				35.1		35.3	35.4	35.4			35.3
800												
1000												
Avg.	35.7	35.3		35.9	35.5		35.6	36.0	35.8			35.7

Table 60.---Salinities (‰), offshore, spring season--Continued

Central Offshore												
Depth (m.)	Stations											
	27	28	29	30	39	40	41	49	50	51	52	Avg.
0	36.1	36.2	36.2	36.3	36.4	36.1	36.2	36.1				36.2
10	36.1	36.2	36.2	36.3	36.4	36.1	36.2	36.1				36.2
20	36.1	36.2	36.2	36.3	36.4	36.1	36.1	36.2				36.2
30	36.1	36.2	36.2	36.4	36.3	36.1	36.1	36.2				36.2
50	36.4	36.4	36.4	36.6	36.3	36.2	36.2	36.2				36.3
75	36.6	36.6	36.6	36.7	36.0	36.3	36.5	36.1				36.4
Avg.	36.3	36.3	36.3	36.4	36.3	36.2	36.2	36.2				36.3
100	36.7	36.6	36.6	36.6	35.8	36.5	36.7	35.9				36.4
150	36.6	36.7	36.7	36.4	35.7	36.6	36.6	35.6				36.4
200	36.3	36.7	36.7	36.2	35.4	36.6	36.1	35.2				36.2
250	36.0	36.6	36.6	35.9		36.5		35.0				36.1
300		36.5	36.5	35.6		36.5						36.3
Avg.	36.4	36.6	36.6	36.1	35.6	36.5	36.5	35.4				36.3
400		36.3	36.0			36.1						36.1
500		35.9	35.3									35.6
600												
800												
1000												
Avg.		36.1	35.7			36.1						35.9

Table 60.---Salinities (‰), offshore, spring season--Continued

Northern Offshore											
Depth (m.)	Stations										Avg.
	61	62	63	64	72	73	74	79	80		
0	36.2	36.2	36.4	36.2	36.3	36.1	36.1	36.3	36.2	36.2	
10	36.2	36.3	36.4	36.2	36.3	36.1	36.1	36.3	36.1	36.2	
20	36.2	36.3	36.4	36.4	36.3	36.1	36.1	36.2	36.2	36.2	
30	36.1	36.3	36.3	36.4	36.4	36.2	36.2	36.3	36.2	36.3	
50	36.0	36.4	36.4	36.4	36.5	36.3	36.3	36.3	36.2	36.3	
75	35.7	36.4	36.4		36.5	36.4	36.4	36.5	36.3	36.3	
Avg.	36.1	36.3	36.4	36.3	36.4	36.2	36.2	36.3	36.2	36.3	
100	35.4	36.4	36.0		36.4	36.5	36.5	36.5	36.4	36.3	
150	35.2	36.6	35.8		36.1	36.7	36.5	36.4	36.5	36.2	
200	35.1	36.4			35.8	36.7	36.5	36.1	36.5	36.2	
250	35.1	36.3			35.7	36.6	36.4	35.8	36.5	36.0	
300	35.0	36.2			35.6	36.5	36.1	35.5	36.5	35.9	
Avg.	35.2	36.4	35.9		35.9	36.6	36.4	36.0	36.5	36.1	
400	35.0	36.1			35.1	36.2	35.5		36.3	35.7	
500							35.2		36.0	35.6	
600							35.1		35.6	35.3	
800							35.0		35.1	35.0	
1000							35.0		35.0	35.0	
Avg.	35.0	36.1			35.1	36.2	35.1		35.6	35.4	

Table 61.--Salinities (‰), offshore, summer season

Southern Offshore											
Depth (m.)	Stations										
	1	2	6	7	8	9	15	16	17	18	Avg.
0	36.1	35.9	36.0	36.0	36.0	36.0	35.8	36.1	36.0	36.0	36.0
10	36.1	36.0	36.0	36.0	36.0	36.0	35.9	36.1	36.0	36.0	36.0
20	36.1	36.0	36.0	36.0	36.0	36.0	35.9	36.1	36.0	36.0	36.0
30	36.1	36.1	36.1	36.0	36.0	36.0	35.9	36.1	36.1	36.0	36.0
50	36.1	36.2	36.2	36.1	36.1	36.1	36.0	36.1	36.1	36.1	36.1
75	36.3	36.3	36.3	36.3	36.2	36.2	36.2	36.3	36.2	36.2	36.2
Avg.	36.1	36.1	36.1	36.1	36.0	36.0	35.9	36.1	36.1	36.0	36.1
100	36.5	36.4	36.4	36.5	36.3	36.4	36.3	36.4	36.3	36.4	36.4
150	36.7	36.6	36.7	36.7	36.7	36.4	36.6	36.6	36.6	36.4	36.6
200	36.7	36.4	36.3	36.7	36.7	36.4	36.5	36.7	36.7	36.0	36.5
250	36.6	36.1	36.0	36.6	36.6	36.1	36.3	36.6	36.6	35.7	36.3
300	36.5	35.9	35.7	36.4	36.5	35.7	35.9	36.5	36.5	35.4	36.1
Avg.	36.6	36.3	36.2	36.6	36.5	36.2	36.3	36.6	36.5	36.1	36.4
400	36.2	35.3		36.1	36.1		35.3	36.3	36.1	35.1	36.0
500	35.7	35.1		35.7	35.6		35.0	35.9	35.6		35.6
600					35.2			35.4	35.3		35.3
800								34.9			34.9
1000											
Avg.	36.0	35.3		36.0	35.7		35.2	35.8	35.7	35.1	35.7

Table 61.--Salinities (‰), offshore, summer season--Continued

Central Offshore												
Depth (m.)	Stations											
	27	28	29	30	39	40	41	49	50	51	52	Avg.
0	35.9	36.0	35.9	36.0	36.0	35.9	35.9	36.1	36.1	36.0	36.1	36.0
10	35.9	36.0	35.9	36.0	36.0	35.9	35.9	36.1	36.0	36.0	36.1	36.0
20	36.0	36.1	35.9	36.0	36.0	35.9	35.9	36.2	36.0	36.0	36.1	36.0
30	36.0	36.1	35.9	36.0	36.1	36.0	36.0	36.2	36.0	36.0	36.2	36.1
50	36.1	36.1	36.0	36.1	36.3	36.0	36.1	36.2	36.0	36.1	36.2	36.1
75	36.2	36.3	36.3	36.3	36.2	36.1	36.2	36.1	36.2	36.1	36.1	36.2
Avg.	36.0	36.1	36.0	36.1	36.1	36.0	36.0	36.2	36.0	36.0	36.1	36.1
100	36.4	36.4	36.6	36.4	36.1	36.3	36.4	36.1	36.3	36.1	36.0	36.3
150	36.6	36.6	36.6	36.4	35.8	36.6	36.1	35.9	36.5	36.2	35.7	36.3
200	36.4	36.6	36.6	36.3	35.6	36.6	35.8	35.7	36.4	36.1	35.6	36.3
250	36.1	36.5	36.6	36.2	35.3	36.5	35.5	35.5	36.2	35.9	35.4	36.2
300	35.8	36.5	36.4	35.8	35.1	36.4	35.2	35.3	36.0	35.8	35.2	36.0
Avg.	36.3	36.5	36.6	36.3	35.6	36.5	35.8	35.9	36.3	36.0	35.6	36.1
400	35.3	36.2	36.3	35.4		36.0			36.0	35.1		35.8
500	35.1	35.9	35.9			35.9			35.6			35.7
600		35.6	35.4									35.5
800		34.9										34.9
1000												
Avg.	35.2	35.8	35.9	35.4		36.0			35.8	35.1		35.7

Table 61.---Salinities (‰), offshore, summer season--Continued

Northern Offshore										
Depth (m.)	Stations									
	61	62	63	64	72	73	74	79	80	Avg.
0	36.0	36.1	36.0	36.1	36.2	36.0	36.2	35.9	36.0	36.1
10	35.9	36.0	36.0	36.1	36.1	36.1	36.3	36.0	36.1	36.1
20	36.0	36.1	36.1	36.1	36.2	36.1	36.3	36.0	36.0	36.1
30	36.1	36.1	36.1	36.2	36.2	36.1	36.3	36.0	36.1	36.1
50	36.3	36.1	36.2	36.3	36.3	36.3	36.4	36.1	36.3	36.3
75	36.3	36.2	36.4	36.4	36.4	36.4	36.5	36.3	36.4	36.4
Avg.	36.1	36.1	36.2	36.2	36.2	36.2	36.3	36.0	36.2	36.2
100	36.3	36.3	36.7	36.4	36.5	36.5	36.4	36.5	36.6	36.5
150	35.8	36.5	36.6	36.2	36.6	36.6	36.3	36.4	36.7	36.4
200	35.6	36.6	36.5	35.9	36.3	36.6	36.2	36.2	36.7	36.3
250	35.4	36.2	36.4	35.5	36.1	36.4	36.0	36.1	36.6	36.1
300	35.4	35.9	36.3	36.1	36.1	36.2	35.8	35.9	36.5	36.1
Avg.	35.7	36.3	36.5	36.1	36.4	36.4	36.2	36.2	36.6	36.3
400	35.1	35.7	36.1		35.5	35.9	35.5	36.0	36.2	35.8
500		35.5			35.2	35.7	35.2	35.4	36.1	35.5
600		35.3				35.8	35.1	35.1	35.7	35.4
800						35.4			35.2	35.3
1000									35.1	35.1
Avg.	35.1	35.5	36.1		35.3	35.7	35.3	35.5	35.8	35.6

Table 62.--Salinities (‰), offshore, fall season

Southern Offshore											
Depth (m.)	Stations										
	1	2	6	7	8	9	15	16	17	18	Avg.
0	36.0	36.0	36.0	36.1	36.0	36.0	36.1	36.1	36.2	35.9	36.0
10	36.1	36.0	36.0	36.1	36.0	36.0	36.0	36.1	36.2	36.0	36.0
20	36.0	36.0	36.1	36.1	36.0	36.0	36.0	36.1	36.1	36.0	36.0
30	36.0	36.0	36.1	36.1	36.0	36.0	36.0	36.1	36.1	36.0	36.1
50	36.0	36.1	36.1	36.2	36.0	36.1	36.0	36.2	36.1	36.1	36.1
75	36.3	36.3	36.2	36.3	36.2	36.1	36.2	36.2	36.3	36.3	36.2
Avg.	36.1	36.1	36.1	36.1	36.0	36.0	36.1	36.1	36.2	36.0	36.1
100	36.6	36.5	36.4	36.5	36.4	36.3	36.3	36.3	36.5	36.4	36.4
150	36.7	36.7	36.8	36.7	36.7	36.7	36.7	36.7	36.8	36.5	36.7
200	36.7	36.4	36.6	36.8	36.7	36.5	36.6	36.7	36.7	36.2	36.6
250	36.5	36.1	36.4	36.6	36.6	36.0	36.4	36.6	36.6	35.7	36.3
300	36.5	35.9	36.2	36.4	36.5	35.9	36.1	36.5	36.5	35.5	36.2
Avg.	36.6	36.3	36.5	36.6	36.6	36.3	36.4	36.5	36.6	36.1	36.4
400	36.1	35.3	35.6	36.1	36.1		35.6	36.3	36.0	35.3	35.9
500	35.8			35.8	35.7		35.2	35.9	35.7		35.6
600					35.3		35.1	35.7	35.1		35.3
800											
1000											
Avg.	36.0	35.3	35.6	36.0	35.7		35.3	35.9	35.6	35.3	35.7

Table 62---Salinities (‰), offshore, fall season--Continued

Central Offshore													
Depth (m.)	Stations												Avg.
	27	28	29	30	39	40	41	49	50	51	52		
0	35.9	36.0	36.0	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.1	36.1
10	35.9	36.0	36.0	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.1	36.1
20	35.9	36.1	36.0	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.1	36.1
30	35.9	36.1	36.0	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.1	36.1
50	35.9	36.2	36.0	36.1	36.2	36.2	36.2	36.2	36.2	36.3	36.2	36.2	36.2
75	36.1	36.3	36.3	36.3	36.2	36.3	36.4	36.3	36.3	36.4	36.3	36.3	36.3
Avg.	35.9	36.1	36.0	36.1	36.2	36.2	36.2	36.2	36.2	36.3	36.2	36.2	36.2
100	36.4	36.5	36.5	36.6	36.5	36.5	36.5	36.4	36.5	36.5	36.4	36.5	36.5
150	36.6	36.7	36.6	36.8	36.5	36.8	36.7	36.3	36.7	36.4	36.0	36.6	36.6
200	36.6	36.6	36.6	36.7	36.1	36.7	36.5	36.0	36.7	36.1	35.6	36.4	36.4
250	36.5	36.6	36.6	36.5	35.7	36.6	35.9	35.8	36.4	35.9	35.5	36.2	36.2
300	36.2	36.5	36.5	36.3	35.5	36.4	35.6	35.9	36.0	35.7	35.4	36.0	36.0
Avg.	36.4	36.6	36.6	36.6	36.1	36.6	36.3	36.1	36.5	36.1	35.8	36.3	36.3
400	35.5	36.3	36.2	35.6	35.6				35.6	35.7		35.8	35.8
500	35.2	36.0	35.8	35.4					36.1	35.3		35.6	35.6
600		35.5							35.6			35.5	35.5
800													
1000													
Avg.	35.3	35.9	35.8	35.5	35.6				35.7	35.5		35.7	35.7

Table 62.--Salinities (‰), offshore, fall season--Continued

Northern Offshore											
Depth (m.)	Stations										
	61	62	63	64	72	73	74	79	80		Avg.
0	36.2	36.2	36.1	36.3	36.2						36.2
10	36.2	36.2	36.1	36.2	36.2						36.2
20	36.2	36.2	36.1	36.3	36.2						36.2
30	36.2	36.2	36.1	36.3	36.2						36.2
50	36.3	36.2	36.2	36.3	36.3						36.2
75	36.5	36.3	36.3	36.3	36.3						36.4
Avg.	36.2	36.2	36.2	36.3	36.2						36.2
100	36.6	36.5	36.4	36.4	36.3						36.5
150	36.6	36.6	36.6	36.7	36.3						36.6
200	36.2	36.6	36.6	36.6	36.3						36.5
250	36.0	36.5	36.5	36.5	36.2						36.3
300	35.7	36.3	36.3	36.0	35.8						36.1
Avg.	36.2	36.5	36.5	36.4	36.2						36.4
400	35.6	36.0	35.9								35.9
500		35.6	36.2								35.8
600		35.5	35.7								35.6
800											
1000											
Avg.	35.6	35.7	35.9								35.8

Table 63.--Salinities (‰), inner shelf, summary by season

Southern Inner Shelf

Depth (m.)	Season			
	Winter	Spring	Summer	Fall
0	35.2	36.1	35.8	33.8
10	35.1	36.1	35.9	35.0
20			35.9	35.5
Avg.	35.1	36.1	35.8	34.4

Central Inner Shelf

Depth (m.)	Season			
	Winter	Spring	Summer	Fall
0	34.3	34.2	35.3	35.9
10	34.6	35.0	35.4	35.8
Avg.	34.4	34.5	35.4	35.9

Northern Inner Shelf

Depth (m.)	Season			
	Winter	Spring	Summer	Fall
0	35.2	34.4	35.6	35.3
10	35.4	35.0	35.7	35.4
20	36.0		36.0	
Avg.	35.3	34.7	35.7	35.3

Table 64.--Salinities (‰), outer shelf, summary by season

Southern Outer Shelf

Depth (m.)	Season			
	Winter	Spring	Summer	Fall
0	36.1	36.2	36.0	35.5
10	36.1	36.3	36.1	35.5
20	36.1	36.2	36.1	35.6
30	36.2	36.2	36.1	35.7
50	36.3	36.3	36.2	35.8
Avg.	36.1	36.2	36.1	35.6

Central Outer Shelf

Depth (m.)	Season			
	Winter	Spring	Summer	Fall
0	36.1	35.6	35.9	36.1
10	36.1	35.8	35.9	36.1
20	36.2	36.1	36.0	36.2
30	36.2	36.2	36.1	36.2
50	36.2	36.3	36.3	36.1
75	36.1	36.2	36.2	36.2
Avg.	36.2	35.9	36.0	36.2
100	36.0	36.0	35.9	36.3
150	35.6	35.9	35.5	36.2
200	35.3	35.3	35.8	
Avg.	35.8	35.9	35.8	36.3

Northern Outer Shelf

Depth (m.)	Season			
	Winter	Spring	Summer	Fall
0	36.2	35.3	36.0	36.1
10	36.2	35.4	36.1	36.1
20	36.1	35.9	36.2	36.1
30	36.2	36.3	36.3	36.2
50	36.2	36.3	36.3	36.3
75	36.3	36.3	36.3	36.3
Avg.	36.2	35.7	36.1	36.2
100	36.2	36.3	36.3	36.3
150		35.8	35.9	36.5
200		35.6	35.6	36.0
Avg.	36.2	36.0	36.0	36.3

Table 65.--Salinities (‰), offshore, summary by season

Depth (m.)	Southern Offshore			
	Season			
	Winter	Spring	Summer	Fall
0	36.2	36.1	36.0	36.0
10	36.2	36.1	36.0	36.0
20	36.2	36.1	36.0	36.0
30	36.2	36.1	36.0	36.1
50	36.3	36.1	36.1	36.1
75	36.4	36.3	36.2	36.2
Avg.	36.3	36.1	36.1	36.1
100	36.5	36.4	36.4	36.4
150	36.6	36.5	36.6	36.7
200	36.5	36.5	36.5	36.6
250	36.4	36.4	36.3	36.3
300	36.2	36.3	36.1	36.2
Avg.	36.4	36.4	36.4	36.4
400	35.9	35.9	36.0	35.9
500	35.8	35.7	35.6	35.6
600	35.2	35.3	35.3	35.3
800			34.9	
Avg.	35.7	35.7	35.7	35.7

Depth (m.)	Central Offshore			
	Season			
	Winter	Spring	Summer	Fall
0	36.2	36.2	36.0	36.1
10	36.2	36.2	36.0	36.1
20	36.2	36.2	36.0	36.1
30	36.2	36.2	36.1	36.1
50	36.2	36.3	36.1	36.2
75	36.3	36.4	36.2	36.3
Avg.	36.2	36.3	36.1	36.2
100	36.3	36.4	36.3	36.5
150	36.3	36.4	36.3	36.6
200	36.0	36.2	36.2	36.4
250	35.9	36.1	36.0	36.2
300	35.9	36.3	35.9	36.0
Avg.	36.1	36.3	36.1	36.3
400	35.7	36.1	35.8	35.8
500	35.4	35.6	35.7	35.6
600			35.5	35.5
Avg.	35.7	35.9	35.7	35.7

Table 65.--Salinities (‰), offshore, summary by season--Continued

Depth (m.)	Northern Offshore			
	Season			
	Winter	Spring	Summer	Fall
0	36.3	36.2	36.1	36.2
10	36.3	36.2	36.1	36.2
20	36.2	36.2	36.1	36.2
30	36.3	36.3	36.1	36.2
50	36.3	36.3	36.3	36.2
75	36.4	36.3	36.4	36.4
Avg.	36.3	36.3	36.2	36.2
100	36.4	36.3	36.5	36.5
150	36.1	36.2	36.4	36.6
200	35.8	36.2	36.3	36.5
250	35.6	36.0	36.1	36.3
300	35.6	35.9	36.1	36.1
Avg.	36.0	36.1	36.3	36.4
400	35.5	35.7	35.8	35.9
500	35.4	35.6	35.5	35.8
600	35.2	35.3	35.4	35.6
800		35.0	35.3	
1000		35.0	35.1	

Table 66.--Salinities (‰), summary comparison by season for inner shelf from south to north

Depth (m.)	Winter Season			Spring Season		
	Southern	Central	Northern	Southern	Central	Northern
0	35.2	34.3	35.2	36.1	34.2	34.4
10	35.1	34.6	35.4	36.1	35.0	35.0
20			36.0			
Avg.	35.1	34.4	35.3	36.1	34.5	34.7

Depth (m.)	Summer Season			Fall Season		
	Southern	Central	Northern	Southern	Central	Northern
0	35.8	35.3	35.6	33.8	35.9	35.3
10	35.9	35.4	35.7	35.0	35.8	35.4
20	35.9		36.0	35.5		
Avg.	35.8	35.4	35.7	34.4	35.9	35.3

Table 67.--Salinities (‰), summary comparison by season for outer shelf from south to north

Depth (m.)	Winter Season			Spring Season		
	Southern	Central	Northern	Southern	Central	Northern
0	36.1	36.1	36.2	36.2	35.6	35.3
10	36.1	36.1	36.2	36.3	35.8	35.4
20	36.1	36.2	36.1	36.2	36.1	35.9
30	36.2	36.2	36.2	36.2	36.2	36.3
50	36.3	36.2	36.2	36.3	36.3	36.3
75		36.1	36.3		36.2	36.3
Avg.	36.1	36.2	36.2	36.2	35.9	35.7
100		36.0	36.2		36.0	36.3
150		35.6			35.9	35.8
200		35.3			35.3	35.6
Avg.		35.8	36.2		35.9	36.0

Depth (m.)	Summer Season			Fall Season		
	Southern	Central	Northern	Southern	Central	Northern
0	36.0	35.9	36.0	35.5	36.1	36.1
10	36.1	35.9	36.1	35.5	36.1	36.1
20	36.1	36.0	36.2	35.6	36.2	36.1
30	36.1	36.1	36.3	35.7	36.2	36.2
50	36.2	36.3	36.3	35.8	36.1	36.3
75		36.2	36.3		36.2	36.3
Avg.	36.1	36.0	36.1	35.6	36.2	36.2
100		35.9	36.3		36.3	36.3
150		35.5	35.9		36.2	36.5
200		35.8	35.6			36.0
Avg.		35.8	36.0		36.3	36.3

Table 68.--Salinities (%), summary comparison by season for offshore
from south to north

Depth (m.)	Winter Season			Spring Season		
	Southern	Central	Northern	Southern	Central	Northern
0	36.2	36.2	36.3	36.1	36.2	36.2
10	36.2	36.2	36.3	36.1	36.2	36.2
20	36.2	36.2	36.2	36.1	36.2	36.2
30	36.2	36.2	36.3	36.1	36.2	36.3
50	36.3	36.2	36.3	36.1	36.3	36.3
75	36.4	36.3	36.4	36.3	36.4	36.3
Avg.	36.3	36.2	36.3	36.1	36.3	36.3
100	36.5	36.3	36.4	36.4	36.4	36.3
150	36.6	36.3	36.1	36.5	36.4	36.2
200	36.5	36.0	35.8	36.5	36.2	36.2
250	36.4	35.9	35.6	36.4	36.1	36.0
300	36.2	35.8	35.6	36.3	36.3	35.9
Avg.	36.4	36.1	36.0	36.4	36.3	36.1
400	35.9	35.7	35.5	35.9	36.1	35.7
500	35.8	35.4	35.4	35.7	35.6	35.6
600	35.2		35.2	35.3		35.3
800						35.0
1000						35.0
Avg.	35.7	35.7	35.4	35.7	35.9	35.4

Depth (m.)	Summer Season			Fall Season		
	Southern	Central	Northern	Southern	Central	Northern
0	36.0	36.0	36.1	36.0	36.1	36.2
10	36.0	36.0	36.1	36.0	36.1	36.2
20	36.0	36.0	36.1	36.0	36.1	36.2
30	36.0	36.1	36.1	36.1	36.1	36.2
50	36.1	36.1	36.3	36.1	36.2	36.2
75	36.2	36.2	36.4	36.2	36.3	36.4
Avg.	36.1	36.1	36.2	36.1	36.2	36.2
100	36.4	36.3	36.5	36.4	36.5	36.5
150	36.6	36.3	36.4	36.7	36.6	36.6
200	36.5	36.2	36.3	36.6	36.4	36.5
250	36.3	36.0	36.1	36.3	36.2	36.3
300	36.1	35.9	36.1	36.2	36.0	36.1
Avg.	36.4	36.1	36.3	36.4	36.3	36.4
400	36.0	35.8	35.8	35.9	35.8	35.9
500	35.6	35.7	35.5	35.6	35.6	35.8
600	35.3	35.5	35.4	35.3	35.5	35.6
800	34.9	34.9	35.3			
1000			35.1			
Avg.	35.7	35.7	35.6	35.7	35.7	35.8

Table 69.--Salinities (‰), summary comparison from inner shelf to offshore, southern area, winter season

Depth (m.)	Inner Shelf	Outer Shelf	Offshore
0	35.2	36.1	36.2
10	35.1	36.1	36.2
20		36.1	36.2
30		36.2	36.2
50		36.3	36.3
75			36.4
Avg.	35.1	36.1	36.3
100			36.5
150			36.6
200			36.5
250			36.4
300			36.2
Avg.			36.4
400			35.9
500			35.8
600			35.2
800			
1000			
Avg.			35.7

Table 70.--Salinities (‰), summary comparison from inner shelf to offshore, southern area, spring season

Depth (m.)	Inner Shelf	Outer Shelf	Offshore
0	36.1	36.2	36.1
10	36.1	36.3	36.1
20		36.2	36.1
30		36.2	36.1
50		36.3	36.1
75			36.3
Avg.	36.1	36.2	36.1
100			36.4
150			36.5
200			36.5
250			36.4
300			36.3
Avg.			36.4
400			35.9
500			35.7
600			35.3
800			
1000			
Avg.			35.7

Table 71.--Salinities (‰), summary comparison from inner shelf to offshore, southern area, summer season

Depth (m.)	Inner Shelf	Outer Shelf	Offshore
0	35.8	36.0	36.0
10	35.9	36.1	36.0
20	35.9	36.1	36.0
30		36.1	36.0
50		36.2	36.1
75			36.2
Avg.	35.8	36.1	36.1
100			36.4
150			36.6
200			36.5
250			36.3
300			36.1
Avg.			36.4
400			36.0
500			35.6
600			35.3
800			34.9
1000			
Avg.			35.7

Table 72.--Salinities (‰), summary comparison from inner shelf to offshore, southern area, fall season

Depth (m.)	Inner Shelf	Outer Shelf	Offshore
0	33.8	35.5	36.0
10	35.0	35.5	36.0
20	35.5	35.6	36.0
30		35.7	36.1
50		35.8	36.1
75			36.2
Avg.	34.4	35.6	36.1
100			36.4
150			36.7
200			36.6
250			36.3
300			36.2
Avg.			36.4
400			35.9
500			35.6
600			36.3
800			
1000			
Avg.			35.7

Table 73.--Salinities (‰), summary comparison from inner shelf to offshore, central area, winter season

Depth (m.)	Inner Shelf	Outer Shelf	Offshore
0	34.3	36.1	36.2
10	34.6	36.1	36.2
20		36.2	36.2
30		36.2	36.2
50		36.2	36.2
75		36.1	36.3
Avg.	34.4	36.2	36.2
100		36.0	36.3
150		35.6	36.3
200		35.3	36.0
250			35.9
300			35.8
Avg.		35.8	36.1
400			35.7
500			35.4
600			
800			
1000			
Avg.			35.7

Table 74.--Salinities (‰), summary comparison from inner shelf to offshore, central area, spring season

Depth (m.)	Inner Shelf	Outer Shelf	Offshore
0	34.2	35.6	36.2
10	35.0	35.8	36.2
20		36.1	36.2
30		36.2	36.2
50		36.3	36.3
75		36.2	36.4
Avg.	34.5	35.9	36.3
100		36.0	36.4
150		35.9	36.4
200		35.3	36.2
250			36.1
300			36.3
Avg.		35.9	36.3
400			36.1
500			35.6
600			
800			
1000			
Avg.			35.9

Table 75.--Salinities (‰), summary comparison from inner shelf to offshore, central area, summer season

Depth (m.)	Inner Shelf	Outer Shelf	Offshore
0	35.3	35.9	36.0
10	35.4	35.9	36.0
20		36.0	36.0
30		36.1	36.1
50		36.3	36.1
75		36.2	36.2
Avg.	35.4	36.0	36.1
100		35.9	36.3
150		35.5	36.3
200		35.8	36.2
250			36.0
300			35.9
Avg.		35.8	36.1
400			35.8
500			35.7
600			35.5
800			34.9
1000			
Avg.			35.7

Table 76.--Salinities (‰), summary comparison from inner shelf to offshore, central area, fall season

Depth (m.)	Inner Shelf	Outer Shelf	Offshore
0	35.9	36.1	36.1
10	35.8	36.1	36.1
20		36.2	36.1
30		36.2	36.1
50		36.1	36.2
75		36.2	36.3
Avg.	35.9	36.2	36.2
100		36.3	36.5
150		36.2	36.6
200			36.4
250			36.2
300			36.0
Avg.		36.3	36.3
400			35.8
500			35.6
600			35.5
800			
1000			
Avg.			35.7

Table 77.--Salinities (‰), summary comparison from inner shelf to offshore, northern area, winter season

Depth (m.)	Inner Shelf	Outer Shelf	Offshore
0	35.2	36.2	36.3
10	35.4	36.2	36.3
20	36.0	36.1	36.2
30		36.2	36.3
50		36.2	36.3
75		36.3	36.4
Avg.	35.3	36.2	36.3
100		36.2	36.4
150			36.1
200			35.8
250			35.6
300			35.6
Avg.		36.2	36.0
400			35.5
500			35.4
600			35.2
800			
1000			
Avg.			35.4

Table 78.--Salinities (‰), summary comparison from inner shelf to offshore, northern area, spring season

Depth (m.)	Inner Shelf	Outer Shelf	Offshore
0	34.4	35.3	36.2
10	35.0	35.4	36.2
20		35.9	36.2
30		36.3	36.3
50		36.3	36.3
75		36.3	36.3
Avg.	34.7	35.7	36.3
100		36.3	36.3
150		35.8	36.2
200		35.6	36.2
250			36.0
300			35.9
Avg.		36.0	36.1
400			35.7
500			35.6
600			35.3
800			35.0
1000			35.0
Avg.			35.4

Table 79.--Salinities (‰), summary comparison from inner shelf to offshore, northern area, summer season

Depth (m.)	Inner Shelf	Outer Shelf	Offshore
0	35.6	36.0	36.1
10	35.7	36.1	36.1
20	36.0	36.2	36.1
30		36.3	36.1
50		36.3	36.3
75		36.3	36.4
Avg.	35.7	36.1	36.2
100		36.3	36.5
150		35.9	36.4
200		35.6	36.3
250			36.1
300			36.1
Avg.		36.0	36.3
400			35.8
500			35.5
600			35.4
800			35.3
1000			35.1
Avg.			35.6

Table 80.--Salinities (‰), summary comparison from inner shelf to offshore, northern area, fall season

Depth (m.)	Inner Shelf	Outer Shelf	Offshore
0	35.3	36.1	36.2
10	35.4	36.1	36.2
20		36.1	36.2
30		36.2	36.2
50		36.3	36.2
75		36.3	36.4
Avg.	35.3	36.2	36.2
100		36.3	36.5
150		36.5	36.6
200		36.0	36.5
250			36.3
300			36.1
Avg.		36.3	36.4
400			35.9
500			35.8
600			35.6
800			
1000			
Avg.			35.8

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